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THE COMMONWEALTH OF MASSACHUSETTS

ANNUAL REPORT
OF THE
DEPARTMENT OF EDUCATION
YEAR ENDING JUNE 30, 1958

ISSUED IN ACCORDANCE WITH SECTION 2 OF CHAPTER 69
OF THE GENERAL LAWS

PART I



VOLUME 122

Mass.

ANNUAL REPORT OF THE DEPARTMENT OF EDUCATION

PART I

Year Ending June 30, 1958

vol. 122

REPORT OF THE BOARD OF EDUCATION

1959
#2

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TABLE OF CONTENTS

	<u>Page</u>
Annual Report of Board of Education	
Roster of Department of Education	1-11
Former members, secretaries and commissioners of the Board of Education	12-13
Board of Collegiate Authority	28-29
Commissioner's Report to the Board of Education	14-421
Commissioner of Education	14-27
Division of Research and Statistics	30-109
Division of State Teachers Colleges	110-134
Division of Elementary and Secondary Education	135-163
Secondary Education	140-145
Elementary Education	146-151
Guidance and Placement	152-154
Music Education	155-159
Physical Education	160-163
Division of Special Education	164-172
Division of Teacher Certification and Placement	173-174
Division of Civic Education	175-185
Scholarships, Children of World War Veterans	186
Division of Immigration and Americanization	187-204
Division of the Blind	205-238
Division of Library Extension	239-245
Teachers' Retirement Board	246-267
Massachusetts Maritime Academy	268
Bradford Durfee College of Technology, Fall River	269-277

REPORT
ON THE
PROGRESS OF THE
WORK DURING THE
YEAR 1881

1881

REPORT ON THE PROGRESS OF THE WORK DURING THE YEAR 1881

1881. The year 1881 has been a year of great activity and progress in the work of the Society.

1882. The year 1882 has been a year of great activity and progress in the work of the Society.

1883. The year 1883 has been a year of great activity and progress in the work of the Society.

1884. The year 1884 has been a year of great activity and progress in the work of the Society.

1885. The year 1885 has been a year of great activity and progress in the work of the Society.

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1900. The year 1900 has been a year of great activity and progress in the work of the Society.

1901. The year 1901 has been a year of great activity and progress in the work of the Society.

1902. The year 1902 has been a year of great activity and progress in the work of the Society.

1903. The year 1903 has been a year of great activity and progress in the work of the Society.

1904. The year 1904 has been a year of great activity and progress in the work of the Society.

	<u>Page</u>
New Bedford Institute of Technology	278-282
School Buildings Assistance Commission	283
School Lunch Program	284-293
Division of University Extension	294-316
Division of Vocational Education	317-337
Financial Statement	338-347
 Statistics	
State Teachers Colleges	348
Superintendency Unions and Regional School Districts.	349-364
County Training Schools and State Institutions (Y.S.B.)	365-366
 Vocational Education	
Roster of state-aided vocational schools...(Table I)	367-377
Financial statement by types of schools...(Table 2)	378-388
Summarized financial statement.....(Table 3)	389-392
Tabulation of state reimbursement for Vocational Education(Table 3a)	393-399
Earnings of Vocational Agricultural pupils, etc.(Table 5)	400
Vital statistics by types of schools(Table 6)	401-411
Use of Federal Funds, Smith-Hughes and George Barden(Table 7)	412-416
Statistics of teacher-training(Table 8)	417-419
Registration and employment of minors 14 to 16 years of age(Table 9)	420-421

EDUCATIONAL DIRECTORY

DEPARTMENT OF EDUCATION

200 Newbury Street, Boston 16

BOARD OF EDUCATION

Term Expires

1961. Mrs. Alice M. Lyons, Chairman, 76 Moraine Street,
Jamaica Plain
1958. Dr. Leo C. Donahue, Vice-Chairman, 108 Summer Street,
Somerville
1960. Dr. John W. McDevitt, Secretary, 111 Virginia Road,
Waltham
1959. Rt. Rev. Msgr. Cornelius T. H. Sherlock, 45 Alewife
Brook Parkway, Cambridge
1962. Dr. Alexander Brin, 251 Causeway Street, Boston
1963. Mrs. Robert A. Pederson, Box 191, R.D. 3, Great
Barrington
1964. Mr. Stuart Macmillan, 15 State Street, Boston
1965. Dr. William E. Park, Simmons College, Boston
1966. Hon. Frank W. Tomasello, 95 Bow Road, Belmont
Dr. Owen B. Kiernan, Commissioner of Education and
Executive Officer
Mary E. McKay, Assistant Secretary

Owen B. Kiernan	Commissioner of Education
Raymond A. FitzGerald	Deputy Commissioner of Education
Paul W. Knight	Business Agent
Edward M. Gilpatrick	Assistant Business Agent
Gerald F. Lambert	Personnel Supervisor

STATE BOARD FOR VOCATIONAL EDUCATION
The Board of Education
and

Ex Officio The Commissioner of Education

BOARD OF COLLEGIATE AUTHORITY

Ex Officio Owen B. Kiernan, Chairman

Term Expires

1958. Dr. Leo C. Donahue, 108 Summer Street, Somerville
1959. Rt. Rev. Msgr. Cornelius T. H. Sherlock, 45 Alewife
Brook Parkway, Cambridge
1960. Dr. John W. McDevitt, 111 Virginia Road, Waltham

Term Expires

1961. Mrs. Alice M. Lyons, 76 Moraine Street, Jamaica Plain
1962. Dr. Alexander Brin, 251 Causeway Street, Boston
1963. Mrs. Robert A. Pederson, Box 191, R.D. 3, Great Barrington
1964. Mr. Stuart Macmillan, 15 State Street, Boston
1965. Dr. William E. Park, Simmons College, Boston
1966. Hon. Frank W. Tomasello, 95 Bow Road, Belmont
1958. Very Rev. Francis J. Boland, C.S.C., Stoneshill College, North Easton
1959. Miss Dorothy M. Bell, Bradford Junior College, Haverhill
1960. Mrs. Helen Gilbert, Strawberry Hill, Dover
1961. George M. Calvin, 21 Valley Rd., Arlington
Mary E. McKay, Secretary
James E. Burke, Agent

TEACHERS' RETIREMENT BOARD

88 Broad Street, Boston 10

Clayton L. Lent, Executive Secretary

Members of Board

Ex Officio Owen B. Kiernan, Commissioner of Education

Term Expires

1957. Raymon W. Eldridge, Brookline
1958. Mildred B. Jenks, Springfield

SCHOOL BUILDING ASSISTANCE COMMISSION

Room 618 - 88 Broad Street, Boston 10

Simeon J. Dumas, Administrator

Term Expires

1959. Arthur F. Eldridge, Chairman, Shelburne Falls
1959. John H. Walsh, Waltham
1959. Albert B. Humphrey, S. Egremont
1959. Harry E. Trask, Boxford
1959. E. Davis Woodbury, Natick

DIVISION OF YOUTH SERVICE

14 Somerset Street, Boston 8

Youth Service Board

Term Expires

1958. John D. Coughlan, Director of Division and Chairman of Youth Service Board, Melrose
1957. Thomas J. Turley, Boston

Term Expires

1959. Mrs. Alice Collins, Boston
Ernest W. Mitchell, Assistant to the Director

Advisory Committee on Service to Youth

Term Expires

1960. George Baker, Chairman, Lawrence
1958. Agnes C. Lavery, Vice-Chairman, Boston
1958. Norris S. Flanagan, M.D., Boston
1958. Edgar Grossman, Boston
1958. Michael F. McGrath, Salem
1958. John W. Roberts, Boston
1960. James Devlin, Randolph
1960. Cecelia McGovern, Ph.D., Brookline
1960. Mrs. Emma Anderson, Springfield
1960. Everett Yates, Boston
1962. Russell G. Browning, Fairhaven
1962. Frederick F. Fahey, Dalton
1962. James E. Goonan, Jr., Kingston
1962. Kenneth P. Higgins, Worcester
1962. Frederick B. Taylor, Lincoln

School

Superintendent

Industrial School for Girls.....Elizabeth Bode, Lancaster
Industrial School for Boys.....John Hastings, Shirley
Lyman School for Boys.....John M. Berys, Westborough
Reception-Detention Center for Girls.....Mary McManus, 105 So. Huntington
Ave., Boston
Institute for Juvenile Guidance.....John Ball, So. Bridgewater
Reception-Detention Center for Boys.....Francis H. Maloney, Jr.,
450 Canterbury St., Boston
Residential Treatment Unit.....Patrick F. Creeden, Oakdale

DIVISION OF STATE TEACHERS COLLEGES

D. Justin McCarthy, Director

Francis K. Guindon, Assistant Director

Teachers College

President

Boston.....William F. Looney
Bridgewater.....Clement C. Maxwell
Fitchburg.....Ralph F. Weston
Framingham.....Martin F. O'Connor
Lowell.....Daniel H. O'Leary
North Adams.....Eugene L. Freel
Salem.....Frederick A. Meier
Westfield.....Edward J. Scanlon
Worcester.....Eugene A. Sullivan
Massachusetts School of Art, Boston.....Otis A. Philbrick, Acting

DIVISION OF TEACHER CERTIFICATION AND PLACEMENT

Thomas A. Phelan, Director

Joseph Leo Driscoll, Assistant Director

DIVISION OF ELEMENTARY AND SECONDARY EDUCATION

Patrick J. Sullivan, Director

Warren E. Benson, Senior Supervisor of Guidance and Placement
Elizabeth C. Byrne, Assistant Supervisor of Elementary Education
Ralph H. Colson, Supervisor of Health, Physical, and Safety Education
Martina McDonald Driscoll, Supervisor of Music
John J. Millane, Senior Supervisor of Secondary Education
Margaret A. Shea, Supervisor of Elementary Education
....., Supervisor of Secondary Education

DIVISION OF SPECIAL EDUCATION

200 Newbury Street, Boston 16

Philip G. Cashman, Director

Nicholas J. Wells, Senior Supervisor of Mentally Retarded Children
Catherine G. FitzGerald, Supervisor of Mentally Retarded Children,
State Teachers College, Westfield
William J. O'Brien, Supervisor, Mentally Retarded Children
Joseph C. Lonergan, Supervisor of Mentally Retarded Children,
State Teachers College, Worcester
William A. Philbrick, Jr., Supervisor, Speech Handicapped, Hard of
Hearing and Deaf Children
Anthony V. DeLeo, Supervisor, Mentally Retarded Children,
Bridgewater State Teachers College
Helen I. Collins, Supervisor, Physically Handicapped Children
Marjorie J. Frye, Assistant Supervisor of Blind and Partially Seeing
Children
Serena M. Cummings, Supervisor, Blind and Partially Seeing Children

DIVISION OF RESEARCH AND STATISTICS

John P. McMorrow, Director

Catherine T. Tobin, Administrative Assistant

OFFICE OF AMERICAN CITIZENSHIP

Thomas J. Curtin, Director

Margaret M. Gearan, Supervisor

DIVISION OF VOCATIONAL EDUCATION

Walter J. Markham, Director

John F. Shea, Assistant Director

SUPERVISORS

Subdivision of Supervision

John G. Glavin, Field of Agricultural Schools and Departments
Leslie J. Nutting, Field of Industrial Schools for Boys and Men
....., Field of Vocational Art Education in Industry
and Business
Caroline H. Wilson, Fields of Industrial Schools, Household Arts
Schools and Departments, and Continuation Schools for Girls and
Women
Clare L. Walsh, Field of Household Arts Schools and Departments
Harold E. Shapiro, Field of Distributive Education

Subdivision of Teacher-Training

Jesse A. Taft, Field of Agricultural Schools and Departments
(Resident, 307 Machmer Hall, University of Massachusetts, Amherst)
Charles F. Oliver, Part-time Assistant, Field of Agricultural
Schools and Departments (Resident, 306 Machmer Hall,
University of Massachusetts, Amherst)
Frederick J. Teed, Field of Industrial Schools for Boys and Men
James L. Burke, Field of Industrial Schools for Boys and Men
William J. McConnell, Field of Industrial Schools for Boys and Men
....., Field of Continuation Schools for Boys and
Public Service Training
Anna A. Kloss, Fields of Industrial Schools, Household Arts
Schools and Departments, and Continuation Schools for Girls and
Women
Helen J. McClintock, Assistant, Field of Household Arts Schools
and Departments
Mary I. McKay, Assistant, Field of Distributive Education
Agnes M. Hornby, Supervisor, Field of Household Arts (Resident,
Framingham State Teachers College)

Subdivision of Occupational Information
Vocational Counseling, Survey and Placement

John P. Morine, Field of Occupational Information and Vocational Guidance

Robert F. Nolan, Field of Survey and Placement

Thomas E. Rafferty, Assistant, Field of Education

Subdivision of Administration

Francis J. Lombard, Supervisor

Subdivisions of Private Trade Schools

John F. Westrel, Supervisor

Subdivision of In-Service Training for Veterans

Walter J. Markham, Director

William J. Butler, Supervisor

Francis J. McCrehan, Supervisor

James E. Burke, Agent, Board of Collegiate Authority

Garrett T. Barry, Supervisor

Francis J. Parrenkopf, Supervisor

Francis X. Kyle, Assistant Supervisor

Harold F. McNulty, Assistant Supervisor

OFFICE OF SCHOOL LUNCH PROGRAMS

600 Washington St., Boston 11

John C. Stalker, Director

Daniel R. Harrington, Assistant Director

Thomas B. Donoghue, Supervisor of Distribution

James J. McGrath, Supervisor of Accounting

Donald K. Lunetta, Supervisor in Education

Miss Anna A. Kloss, Supervisor

Mrs. Bethel B. Ross, Assistant Supervisor

Miss Marjorie Cowles, Field Representative

Miss Louise Frederick, Field Representative

Edmund W. Burke, Field Agent in Accounting

DIVISION OF UNIVERSITY EXTENSION

Franklin P. Hawkes, Director

Marguerite A. Bligh, Supervisor in Education

Robert E. Bacon, Supervisor in Education

Ellen Fitzpatrick, Supervisor in Education
 Helen B. Garrity, Supervisor in Education
 Otto Kiessling, Supervisor in Education
 John P. McGrail, Supervisor in Education
 Ursula K. Toomey, Supervisor in Education
 Leo F. A. Murphy, Supervisor in Education
 Helen P. Cuming, Head Administrative Clerk
 Joseph A. Minahan, Supervisor in Education
 Mary K. Prendergast, Supervisor in Education
 Kelsey B. Sweatt, Assistant Supervisor in Education
 Agnes F. Fennelly, Assistant Supervisor in Education
 Ruth Dokton Shapiro, Organizing Extension Instructor
 Roger P. Jacques, Organizing Extension Instructor
 Mae H. Starr, Organizing Extension Instructor
 Emma Herlihy, University Extension Instructor
 Edward R. Kupperstein, University Extension Instructor
 Ellen B. Booth, University Extension Instructor
 Patricia Hollander, University Extension Instructor
 Walter F. Reavey, University Extension Instructor

DIVISION OF LIBRARY EXTENSION

Board of Library Commissioners

Term Expires

1960. Channing L. Bete, Chairman, Greenfield
 1963. Richard J. Sullivan, Secretary, Lawrence
 1958. John A. Humphry, Springfield
 1959. John D. Kelley, Somerville
 1961. Mrs. George R. Wallace, Fitchburg

V. Genevieve Galick, Director

Alice M. Cahill, Head Administrative Assistant
 Marie T. Sullivan, Supervisor of Field Services
 Alice B. Howard, Supervisor of School Libraries and Public Library
 Service to Children and Young People
 Ann C. Coleman, Chief of Book Services
 Eunice Dashiell, Chief of Technical Processing

DIVISION OF IMMIGRATION AND AMERICANIZATION

Room 208, 73 Tremont Street, Boston 8

Members of Board

Term Expires

1959. Miss Alice W. O'Connor, Chairman, Lawrence
 1959. Aristides Andrade, Taunton
 1959. Mrs. Helen Sutton, Belmont

Term Expires

1958. Frank Maria, Lowell
1958. Mrs. Clementina Langone, Boston
1959. Stanley Dziadosz, Lawrence

Mrs. Teofilia K. Tattan, Supervisor of Social Service
Charles L. Carey, District Agent, Lawrence
Daniel J. Donahue, District Agent, Fall River
Andrew W. Ansara, Acting District Agent, Worcester
John A. McInnes, District Agent, Springfield

DIVISION OF THE BLIND, 90 TREMONT STREET, BOSTON 8

John F. Mungovan, Director

Advisory Board

Term Expires

1958. Robert M. Prouty, Chairman, Hingham
1959. Syra Yanes, Secretary, Brookline
1961. Edward J. Waterhouse
1959. Thomas L. O'Connor, Belmont
1957. Stephanie Barker, Watertown

Members of Staff

Frederick D. Greehan, Supervisor of Vocational Rehabilitation
John J. Buckley, Supervisor of Industries
Mrs. Mary Fay Callero, Assistant Supervisor, Home Teaching
Ethel M. Frederick, Assistant Supervisor, Adults
Mary E. McLaughlin, Assistant Supervisor, Children
Janet L. Corton, Medical Social Worker
Michael L. Sullivan, Supervisor of Research
George T. Curtin, Supervisor of Individual Services

MASSACHUSETTS MARITIME ACADEMY

419 Boylston Street, Boston 16

Rear Admiral J. D. Wilson, USN (Retired), Superintendent,
Shore Base, Buzzards Bay

Board of Commissioners

Term Expires

1959. Arthur C. Sullivan, Chairman, Lowell
1958. William W. Peters, Falmouth
1960. Captain Charles H. Hurley, Newton Centre
1961. S. P. Jason, Fairhaven
1962.

BRADFORD DURFEE COLLEGE OF TECHNOLOGY, FALL RIVER

Leslie B. Coombs, President

Trustees

Ex Officio, His Honor, John F. Kane, Mayor

Ex Officio, Owen B. Kiernan, Commissioner of Education

Ex Officio, William S. Lynch, Superintendent of Schools

Term Expires

- 1959. Meyer Jaffe, Chairman, Fall River
- 1958. Robert J. Nagle, Vice-Chairman, Fall River
- 1957. Gilbert C. Oliveira, Fall River
- 1957. Raymond R. Costa, Fall River
- 1957. William Moran, Fall River
- 1957. Octave O. Desmarais, Fall River
- 1957. Matthew Kuss, Fall River
- 1958. Paul R. Anderson, Somerset
- 1958. James E. Bullock, Fall River
- 1958. Joseph P. Clark, III, Fall River
- 1959. Philip S. Brayton, Fall River
- 1959. Emanuel Gittelman, Fall River
- 1959. Charles P. Mullen, North Westport
- 1959. Madison F. Welsh, Fall River

NEW BEDFORD INSTITUTE OF TECHNOLOGY

John E. Foster, President

Mary F. Makin, Treasurer

Trustees

Ex Officio, His Honor, Francis J. Lawlor, Mayor

Ex Officio, Owen B. Kiernan, Commissioner of Education

Ex Officio, Ruth B. McFadden, Superintendent of Schools

Term Expires

- 1958. Edmund V. Rigby, Chairman, Fairhaven
- 1960. John A. Shea, Taunton
- 1957. Philip Manchester, Westport Harbor
- 1957. Nils V. Nelson, Winthrop
- 1957. Miss E. Ferris Almada, New Bedford
- 1960. George E. Carignan, New Bedford
- 1958. Charles V. F. DeMailly, New Bedford
- 1958. Gerald Y. Murphy, So. Dartmouth
- 1958. Joseph A. Danciewicz, New Bedford
- 1958. Charles R. Dugdale, Fairhaven
- 1959. Mrs. Ida Epstein, New Bedford
- 1959. William E. King, New Bedford
- 1959. John Vertente, Jr., New Bedford
- 1959. Clarence G. Bowman, New Bedford
- 1959. Joseph Dawson, Jr., New Bedford

LOWELL TECHNOLOGICAL INSTITUTE OF MASSACHUSETTS

Martin J. Lydon, President

Trustees

Ex Officio, His Honor, Samuel S. Pollard, Mayor

Ex Officio, Owen B. Kiernan, Commissioner of Education

Term Expires

1960. Samuel Pinanski, Chairman, Brookline
1960. Doran S. Lyons, Vice-Chairman, Lowell
1960. Bernard Goldfine, Boston
1957. Alfred J. Traverse, Chelmsford
1958. Arthur W. Brown, Methuen
1958. Clifford L. Erving, Milton
1958. Walter B. French, Lowell
1958. Barnett D. Gordon, Chestnut Hill
1958. Donald J. Hurley, Weston
1959. Homer W. Bourgeois, Lowell
1959. Thomas T. Clark, Lowell
1959. Harold V. Farnsworth, Winchester
1959. Harold W. Leitch, Andover
1959. Francis P. Madden, Marblehead
1960. Frank W. Gainey, Lawrence

UNIVERSITY OF MASSACHUSETTS, AMHERST

J. Paul Mather, President

Trustees

Ex Officio, His Excellency, Foster Furcolo

Ex Officio, Owen B. Kiernan, Commissioner of Education

Ex Officio, Charles H. McNamara, Commissioner of Agriculture

Ex Officio, J. Paul Mather, President of the University

Term Expires

1958. Lewis Perry, Boston
1958. Rt. Rev. Msgr. Joseph H. Boutin, Gardner
1959. Dennis M. Crowley, Boston
1959. F. Roland McDermott, Wrentham
1960. Frank L. Boyden, Deerfield
1960. Ralph F. Taber, West Newton
1961. Harry Dunlap Brown, Billerica
1961. John W. Haigis, Jr., Greenfield
1962. Joseph W. Bartlett, Newton
1962. Philip F. Whitmore, Sunderland
1963. William M. Cashin, Milton
1963. Grace A. Buxton, Worcester
1964. Ernest Hoftyzer, Wellesley
1964. Alden C. Brett, Belmont

Officers of the Trustees

His Excellency, Foster Furcolo, President
Joseph W. Bartlett, Chairman
James W. Burke, Secretary, Amherst
Kenneth W. Johnson, Treasurer, Amherst

FORMER MEMBERS OF THE BOARD OF EDUCATION OR THE
ADVISORY BOARD

12

ORIGINAL MEMBERS—1837

James G. Carter
Emerson Davis
Edmund Dwight

Horace Mann
Edward A. Newton
Robert Rantoul, Jr.

Thomas Robbins
Jared Sparks

APPOINTED SINCE

George Putnam
Charles Hudson
George N. Briggs
William G. Bates
John W. James
Elisha Bartlett
Heman Humphry
Stephen C. Phillips
Barnas Sears
Edwin H. Chapin
Henry B. Hooker
Stephen P. Webb
Thomas Kinnicutt
Joseph W. Ingraham
John A. Bolles
George B. Emerson
Charles K. True
Mark Hopkins
Edward Otheman
Isaac Davis
Alexander H. Vinton
George S. Boutwell
Henry Wheatland
Hosea Ballou
Ariel Parish
Cornelius C. Felton
Alonso H. Quint
William A. Stearns
Russell Tomlinson
Erastus O. Haven
David H. Mason
John P. Marshall
Emory Washburn
Abner J. Phipps
James Freeman Clarke
William Rice

John D. Philbrick
Samuel T. Seelye
George T. Wilde
Gardiner G. Hubbard
Alonzo A. Miner
Henry Chapin
Constantine C. Esty
Edward B. Gillett
Phillips Brooks
Christopher C. Mussey
Charles B. Rice
Elijah B. Stoddard
Horatio G. Knight
Abby W. May
Charles Francis Adams, Jr.
Milton B. Whitney
Thomas W. Higginson
Admiral P. Stone
Francis A. Walker
Edward C. Carrigan
Horace E. Scudder
Elmer H. Capen
Kate Gannett Wells
Alice Freeman Palmer
George I. Aldrich
George H. Conley
Joel D. Miller
Franklin Carter
Clinton Q. Richmond
Caroline Hazard
Albert E. Winship
Thomas B. Fitzpatrick
Frederick P. Fish
Sarah Louise Arnold
Simeon B. Chase
Levi L. Conant

Frederick W. Hamilton
Paul H. Manus
Jeremiah E. Burke
James Chalmers
Margaret Slattery
Samuel L. Powers
Michael J. Downey
George H. Wrenn
Arthur H. Lowe
Ella Lyman Cabot
Grace S. Mansfield
Henry B. Sawyer
Walter V. McDuffee
Lincoln Filene
Mary E. Murray
P.A. O'Connell
Roger L. Putnam
Thomas H. Sullivan
Kathryn A. Doyle
Mrs. Anna M. Power
Ada L. Comstock
Dr. Francis T. Spaulding
Mrs. Flora Lane
Bancroft Beatley
John J. Walsh
Ruth C. Redican
Hon. Michael H. Sullivan
Dr. David D. Scannell, M.D.
Dr. Walter F. Downey
Dr. Frank L. Boyden
Grace A. Buxton
G. John Gregory
Dr. Owen B. Kiernan
Mrs. Julia M. Fuller
Hon. Frank W. Tomasello

EX-OFFICIO—GOVERNORS

Edward Everett
Marcus Morton
John Davis
George N. Briggs
George S. Boutwell

William Claflin
William B. Washburn
William Gaston
Alexander H. Rice
Thomas Talbot

Frederic T. Greenhalge
Roger Wolcott
W. Murray Crane
John L. Bates
William L. Douglas

-2-

John H. Clifford
Emory Washburn
Henry J. Gardner
Nathaniel P. Banks
John A. Andrew
Alexander H. Bullock

John D. Long
Benjamin F. Butler
George D. Robinson
Oliver Ames
John Q. A. Brackett
William E. Russell

Curtis Guild, Jr.
Eben S. Draper
Eugene M. Foss
David I. Walsh
Samuel W. McCall
Calvin Coolidge

EX-OFFICIO--LIEUTENANT-GOVERNORS

George Hull
Henry H. Childs
John Reed
Henry W. Cushman
Elisha Huntington
William C. Plunkett
Simon Brown
Henry W. Benchley

Eliphalet Trask
John Z. Goodrich
John Nesmith
Joel Hayden
William Claflin
Joseph Tacket
Thomas Talbot
Horatio G. Knight

Byron Weston
Oliver Ames
William H. Haile
Louis A. Frothingham
Robert Luce
Edward P. Barry
Grafton D. Cushing
Channing H. Cox

SECRETARIES OF THE BOARD

1837-1848. Horace Mann
1849-1855. Barnas Sears
1856-1860. George S. Boutwell
1861-1876. Joseph White

1877-1893. John W. Dickinson
1894-1902. Frank A. Hill
1903-1904. C. B. Tillinghast
1904-1915. George H. Martin

COMMISSIONERS OF EDUCATION

1909-1915. David Snedden
1916-1935. Payson Smith
1935-1938. James G. Reardon

1939-1943. Walter F. Downey
1943-1946. Julius E. Warren
1946-1957. John J. Desmond, Jr.
1957- Dr. Owen B. Kiernon

BOARD OF COLLEGIATE AUTHORITY

The Board of Collegiate Authority conducted six public hearings during the year July 1, 1957 to June 30, 1958 on Articles of Organization, Certificates of Change of Name or Certificates of Change of Purpose referred to it by the Commissioner of Corporations and Taxation as required in Section 30, Chapter 69, General Laws, as amended by Chapter 549 of the Acts of 1943 and Chapter 290 of the Acts of 1953. The Board approved the following:

Franklin Technical Institute, Boston

The Trustees of the Franklin Foundation, Boston received authority under the provisions of Chapter 569 of the Acts of 1908, as amended by Chapter 77, Acts of 1953 and Chapter 119 of the Acts of 1957 to grant the degree of associate in science, associate in engineering, bachelor of science, bachelor of engineering, master of science, and master of engineering after approval by the Board of Collegiate Authority.

In accordance with the provisions of this act the Board of Collegiate Authority after investigation and public hearing, voted at its meeting of October 29, 1957 to confirm the action of a vote of The Trustees of Franklin Foundation on June 5, 1957, to confer the degree of Associate in Engineering.

LaSalette College and Seminary, Ipswich

The Board of Collegiate Authority at its meeting of January 28, 1958 approved the Certificate of Change of Purpose of the Directors of Missionaries of Our Lady of LaSalette Corporation, Ipswich, Massachusetts to establish, conduct, and maintain, within the Commonwealth of Massachusetts, a college and seminary of higher learning to be known as LaSalette College and Seminary and to grant and confer at and through said LaSalette College and Seminary the degrees of Bachelor of Arts, Bachelor of Science, and such other baccalaureate degrees as are usually conferred and granted by colleges and universities in the Commonwealth, except degrees in medicine and law.

Saint Columban's College and Seminary, Milton

The Board of Collegiate Authority at its meeting of May 27, 1958 approved the Certificate of Change of Purpose of the Directors of Saint Columban's Foreign Mission Society located at Milton, Massachusetts to establish, conduct, and maintain, within the Commonwealth of Massachusetts, a college and seminary of higher learning to be known as St. Columban's College and Seminary and to grant and confer at and through said St. Columban's College and Seminary the degrees of Bachelor of Arts, Bachelor of Science, and such other baccalaureate degrees as are usually conferred and granted by colleges and universities in the Commonwealth, except degrees in medicine and law.

- 2 -

St. Hyacinth's College and Seminary, Granby

The Board of Collegiate Authority at its meeting of May 27, 1958 approved the Certificate of Change of Purpose of the Directors of Order of Friars Minor Conventual, Inc., Granby, Massachusetts to establish, conduct, and maintain within the Commonwealth of Massachusetts, a college and seminary of higher learning to be known as St. Hyacinth's College and Seminary and to grant and confer at and through said St. Hyacinth's College and Seminary the degrees of Bachelor of Arts, Bachelor of Science, and such other baccalaureate degrees as are usually conferred and granted by colleges and universities in the Commonwealth, except degrees in medicine and law.

Emerson College, Boston

The Board of Collegiate Authority at its meeting of May 27, 1958 voted to approve the Certificate of Change of Purpose of the Directors of Emerson College, Boston, to confer the degree of Bachelor of Music in addition to degrees already authorized, namely, Bachelor of Literary Interpretation, Bachelor of Arts, Master of Arts, Bachelor of Science in Speech, Master of Science in Speech, and the honorary degrees of Master of Arts, Doctor of Humanities, Doctor of Literature, Doctor of Laws. The degree of Bachelor of Music is to be given in conjunction with the Longy School of Music, Cambridge.

Bradford Durfee College of Technology, Fall River

The Board of Collegiate Authority at its meeting of October 29, 1957 approved the faculty, equipment, and course of instruction in the field of Business-Engineering leading to the degree of Bachelor of Science at the Bradford Durfee College of Technology, as required by General Laws, Chapter 74, Section 42, as amended by Chapter 387, Acts of 1947.

ANNUAL REPORT

REPORT OF THE COMMISSIONER

I herewith respectfully submit to the Board of Education and the citizens of the Commonwealth my first annual report as Commissioner of Education. Cognizant of the significant contributions of my distinguished predecessors dating back to Horace Mann (1837 - 1848), I do so with full recognition of the responsibilities and challenges which are mine. To achieve even moderate success without the guidelines which they established, or without the continuing endorsement and support of the Chairman and members of the Board of Education as well as the staff of the Department, would be an impossibility.

The year just completed probably will be recorded as one of the most unusual in the history of American education. For the thirteenth consecutive year all enrollment records were exceeded not only in Massachusetts but throughout the nation. Of greater significance, however, was the universal attention paid to our schools and colleges by citizens everywhere. Sparked by the successful launching of the first earth satellite by the USSR in October 1957, a focus of public attention on education developed to a point unparalleled in our history. As was to be expected, many persons disappointed because the United States was not first to probe outer space, sought to place the blame on the schools. The more vigorous critics attempted to convince the public that nothing was right with our present system of education. They disregarded the fact that our country's remarkable growth and progress since 1789 simply could not have taken place with inferior schools. They apparently forgot that the system under sharp criticism today is the same one that produced outstanding young citizens who flew the first airplane, harnessed the atom both for war and peace, launched the first atomic submarine, led the world in thermonuclear experiments; mass produced automobiles, telephones, air conditioning units, radios; developed the television medium; channeled the sulfa drugs, penicillin, and the Salk vaccine to a virus plagued world; and added to our way of life during the past quarter century miracles of science too numerous to recount at this time.

We are not complacent, however, for we recognize that no school or school system is as good as it could or should be. The officers and staff of the Department readily accept this point of view and regard our programs in the several fields of endeavor as in need of continuing evaluation. As the year's achievements under this plan are reviewed, certain highlights appear worthy of recording. The limitations of space in an annual report of this type prevent the listing of all of the year's accomplishments or even a comprehensive treatment of especially significant gains. More detail on certain aspects of our State program will be found under the reports of the several division directors.

HIGHER EDUCATION

Working closely with the Department, a Special Commission on the Audit of State Needs probed the area of higher education. Among other findings it reported that if present plans are followed for the expansion of both public and private colleges, Massachusetts will be short between 30,000 and 50,000 seats within a period of ten years. To meet this critical shortage immediate authorization is needed to move forward with a realistic capital outlay program designed to enlarge each of the Commonwealth's fifteen institutions of higher learning. Of paramount concern to the Board of Education are the ten teacher training institutions. These presently enroll 6700 students with provision for an increase to approximately 7300 in the fall of 1966. If we are to successfully meet the problem, accommodations must be provided for at least 8600 in the early sixties and a minimum of 10,000 students by 1968. Additionally, broader degree granting privileges should be accorded the Board of Education to allow for the establishment of a program leading to the A.B. degree. This would parallel the present B.S. in Education curriculum and place the program of the ten institutions more in keeping with the accepted concept of state colleges.

During the year the need became apparent for a closer coordination among the State's fifteen institutions of higher learning. A Presidents' Council was formed for the first time in Massachusetts history comprised of the presidents of the University, the ten teachers colleges, the three technological institutes, and the Maritime Academy. Meetings are scheduled regularly and uniform policies of benefit to the members are placed in operation. At the present time, the most pressing problem involves the recruitment and retention of competent faculty members. It is hoped that a more realistic salary schedule may be adopted in the near future to place our several faculties more in line with prevailing salaries in sister states.

Another program in need of strengthening is that of guidance. Information compiled by the Department's Division of Research and Statistics reveals that only 41% of the graduates of our secondary schools are going on to college. Although this is considerably better than the national average of approximately 20%, many of our talented youth are not seeking further education with the resulting losses to the state and nation. The Presidents' Committee on Education Beyond the High School reached a similar conclusion and appealed to authorities in the field of education to take effective steps to counteract this unfortunate condition. Among other recommendations submitted herewith as a part of the Annual Report is one regarding the assignment of at least six additional supervisors to improve the State's program in testing, guidance, and counselling.

For able students who might not enroll in college because of limited finances, the State took a significant step forward in launching three scholarship programs. Although the initial appropriation of \$155,000 was a modest one, the benefits derived therefrom have been substantial. A general scholarship plan assisted worthy students at both public and private colleges in the amount of \$100,000 (approximately \$25,000 for students in publicly supported colleges, and \$75,000 for those in privately supported institutions). In parallel with this, \$50,000 was expended to aid students pursuing careers in medical, dental and nursing education. A third program channeled \$5,000 to students at the State Teachers College at Fitchburg who are preparing to teach the educable and trainable mentally retarded. It is our hope that additional funds may be appropriated annually to extend the benefits of these scholarships to all talented students who are in need of such assistance.

LEGISLATION

By the close of the State's fiscal year on June 30, 1958 many bills of importance to education had been passed by the Legislature. The more significant laws are recorded by title as follows:

- Chapter 534 - An Act establishing a division of civic education within the department of education. Approved July 16, 1957.
- 532 - An Act relative to the education of blind, deaf and aphasic pupils. Approved July 24, 1957.
- 534 - An Act providing for the establishment of day occupational programs in the public school system for certain mentally retarded children. Approved July 24, 1957.
- 690 - An Act providing for enlargement of the commonwealth scholarship program. Approved August 26, 1957.
- 691 - An Act establishing the medical, dental and nursing scholarship board. Approved August 26, 1957.
- 692 - An Act providing for the granting of certain scholarships to certain students at the state teachers college at Fitchburg. Approved August 26, 1957.
- 700 - An Act providing that cities and towns may contribute to the financing of educational television programs from funds appropriated for school purposes. Approved September 9, 1957.
- 119 - An Act authorizing local school committees and regional district school committees to accept and disburse grants or gifts for educational purposes from charitable foundations and private corporations. Approved February 25, 1958. (Amends c. 71, adds sec. 37A)
- 125 - An Act relative to the annual observance of Massachusetts Art Week. Approved February 25, 1958. (Amends c. 6, adds sec. 15D)

Chapter 127 - An Act establishing a lunch period for public school teachers. Approved February 23, 1958. (See Chapter 368 re 1958 Amend.)

154 - An Act relative to the qualifications of persons as teachers in state aided approved vocational schools. Approved March 7, 1958.

164 - An Act authorizing school committees to establish school safety patrols. Approved March 14, 1958.

168 - An Act authorizing certain junior colleges to grant the degree of associate in engineering. Approved March 14, 1958.

241 - An Act relative to certificates of fitness required to be held by superintendents of school unions. Approved April 7, 1958.

256 - An Act extending the time during which applications for state aid for the construction of school buildings may be made. Approved June 4, 1958.

261 - An Act extending the duration of the board of school-house structural standards. Approved June 4, 1958.

366 - An Act providing for the acceptance by school committees of an act establishing a lunch period for public school teachers. (Emergency preamble -- Approved June 6, 1958)

409 - An Act providing that veterans of World War I who are residents of the Commonwealth may take University Extension courses free of charge. Approved June 12, 1958.

IMPROVED SERVICES

Committee on Unions and Regional School Districts:

The ever-present problem of school district organization is one faced annually by State Departments of Education. In recent years nationwide emphasis has been placed on reorganizing school districts so as to guarantee a more effective educational program and to establish an adequate tax base on which to offer such a program. Over the past ten years considerable progress has been made in this direction. Legislation passed in 1948 (Chapter 645) initiated regional school planning and as of this date the status of regions is as follows:

- 36 regions formed (35 presently in existence)
- 14 in operation comprising 46 communities
- 9 under construction comprising 25 communities
- 12 in planning stage

To assist further in this program and to offer guidance and counsel for officials in the several school unions, a new committee was established under the chairmanship of the Director of the Division of Elementary and Secondary Education, comprised of the following staff members: Director of the Division of Vocational Education, Director of the Division of University Extension, Director of the Division of Research and Statistics, Administrator of the School Building Assistance Commission,

Specialist in School District Organization, Senior Supervisor of Secondary Education, and Senior Supervisor of Elementary Education.

Junior College Committee:

A public reawakening of interest was observed this year in the junior college movement. With many senior colleges unable to accommodate increasing numbers of applicants, the junior college provides another channel of collegiate admission. Additionally, terminal courses render other needed services for our youth. To assist communities contemplating the inauguration of a junior college program a Department Committee was formed. The Deputy Commissioner serves as chairman with secretarial duties assigned to the Assistant Secretary of the Board of Education. Other members are the Directors of the following divisions: Division of Elementary and Secondary Education, Division of State Teachers Colleges, Division of Research and Statistics, Division of University Extension, and Division of Library Extension.

Mathematics and Science Advisory Committee:

Recognizing the importance of these subjects as we enter the Space Age, the Department sought and received the cooperation of leaders in the two fields. The membership includes representatives of both public and private institutions, as well as those in research enterprises and industry. The levels of representation range from the elementary school to the graduate school of the University. More effective educational programs, teacher supply problems, and equipment needs are examples of areas of committee interest and study. Appended to this report are the names of the members contributing their energies and talents to this significant project.*

Meetings of the Directors:

As organizations increase in size and breadth of operation, there is always the danger of a breakdown of communications. This is particularly true in government service because of the vastness of the enterprise. To coordinate Department efforts and to insure an understanding by each division Director of his services in relation to the other fourteen divisions, a regular schedule of staff conferences was developed. At monthly meetings, and more frequently when necessary, division services are evaluated and Department-wide policies established. The participating directors and heads of departments have expressed satisfaction with this method of democratic administration.

Public Relations Committee:

Several comparable Departments of Education in other states as well as business and industrial organizations generally, include within their structure of administration a public relations division. Unfortunately, such a service has not been authorized for the Massachusetts Department of Education. To provide this necessary service, a four member committee was established early in the year. The Director of the

* See Appendix A

Division of Research and Statistics is chairman, assisted by the Directors of the Divisions of University Extension and Civic Education as well as the Assistant Supervisor of Audio-Visual Education. Working on marginal time and without interfering with their primary obligations in the Department, this professional team was responsible for the broadest radio, television and press coverage in the Department's history. Interpreting the State's educational services to the public in this fashion has enhanced the reputation of the Department and gained for it a substantial measure of support.

Department Sponsored Conferences:

Following the pattern established by Horace Mann, the Department sponsored a number of conferences designed to improve instruction as well as the over-all services of the public schools and colleges within the Commonwealth. Among groups served this year were the following: school committee members, superintendents of schools, principals on both the elementary and secondary levels, supervisors, school psychologists, school nurses, teachers of the educable and trainable mentally retarded, directors and teachers of health, physical education and recreation, and faculty members of the State Teachers Colleges. Additionally, special meetings and workshops were held for staff members in the fields of guidance, mathematics, science, and other subjects in the elementary and secondary school curricula. It is the opinion of the staff of the Department that these conferences serve a most worthwhile function not only in evaluating existing programs of education, but in projecting needs and developing newer methods and techniques in meeting these needs. As examples of conference themes during the year the elementary principals selected "The Changing Curriculum in the Elementary School"; the administrators of our secondary schools, "Facing Education to New Challenges"; and the faculties of the several teachers colleges, "A Balanced Program of Teacher Preparation for Today's Needs".

Each of the conferences and workshops held during the 1957-1958 school year, we believe may be described as having been professionally profitable for all participants.

NEEDS

In the Department's services discussed previously in this Annual Report, mention was made of several major needs. It is not our purpose to repeat them here for reasons of emphasis, but rather to spell out under one subject heading critical problems facing the Department.

First, the problem of adequate financing is one which needs immediate attention. As earlier Department Reports are examined one finds a continuing and persistent recognition of inadequate budgets. Today, however, the Commonwealth's Department of Education carries a personnel of approximately 1500 and offers significant services through fifteen major divisions. Each year by statutory enactment these services are increased in scope and breadth. Unfortunately, there are many times

that the legislative mandate to establish a new service is not accompanied by an appropriation to implement the new law. As an example of this, in the fall of 1967 the General Court passed legislation establishing an executive committee and charged it with the responsibility for administering and coordinating programs in the fields of educational television (Chapter 709, Acts of 1967). The act on a permissive basis allows towns and cities to appropriate amounts not to exceed one dollar per pupil for the purpose of promoting educational television. Shortly after the enactment approximately 60 towns and cities appropriated funds in order to participate, and approximately \$75,000 was forwarded to the Department's Office of Audio-Visual Education. No appropriation was made to administer this new program nor would the law allow for the use of a certain percent of the receipts for administrative purposes. Therefore, the supervisors and staff of the Audio-Visual Office had to add the responsibilities for supervising and administering the program to an already over-burdened schedule of activities. That the situation will become increasingly critical may be realized when one considers that next year's program in all probability will find appropriations from more than 100 towns and cities with a budget in excess of \$125,000.

The above example is reported herewith merely to indicate a fiscal condition common to each of the divisions within the Department of Education. In order to meet legal and professional obligations and responsibilities, a more adequate system of financing these important services must be accorded a State priority of the highest order.

As is the case with Department budget inadequacies, we find municipalities in a similar situation with reference to the operation of the public school system. Because the real estate tax remains the major source of tax revenue, the sharply increasing costs of education coupled with increasing costs of municipal government will force tax rates toward confiscatory levels. It is hoped that serious consideration will be given to doubling the State's contribution for schools under the present State aid formula.

Although of minor consequence in comparison with the above financial problems, mention must be made of the Department's need for space. With the recent growth of the Department involving the addition of new divisions and the expansion of existing divisions, the headquarters building and branch offices throughout the city of Boston have become completely inadequate. As an example of this the Teachers Retirement Board located at 85 Broad Street represents a \$100,000,000 enterprise and yet the program is operated with a staff of thirty-four persons in a cramped area of 3364 square feet. The establishment of even the most conservative minima would require forty staff members and 4500 square feet of office space.

A similar situation exists in the Division of Library Extension where six additional staff members were employed to implement federal legislation designed to improve library service in rural areas (P.L. 597).

An examination of the operation of the other thirteen divisions would reveal equally critical space and staff needs. It is hoped that the Commonwealth's General Court may endorse the planning and construction of a State Education Building which could adequately house the total program of the Department. This pattern of establishing separate sites and office buildings for Departments of Education is common in sister states throughout the nation.

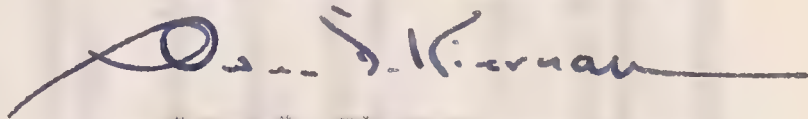
Through the medium of the Tenth Amendment of the Federal Constitution, education clearly becomes a State function. The philosophy of the members of the Board of Education and the officers of the Department, however, is one which designates the role of the Department as one of guidance without domination and assistance without interference. It is our belief that the system of education presently operating in Massachusetts is strong because of this state-local relationship and the grass roots support for our program in the 351 towns and cities of the Commonwealth. As an example of the guidance or leadership role of the Department during the past year, a curriculum guide for special class teachers was published and distributed generally throughout the State. This curriculum document is designed to assist teachers and administrators who are responsible for programs for the educable and trainable mentally retarded. The guide takes its place along with guides for the primary grades, the intermediate grades, vocational education, and similar publications. The recommended program in each of these documents is one which may be adapted to meet peculiar local needs as the Department does not wish to be in the position of dictating a paternalistic program of studies, similar to that found in countries where regimentation is the accepted practice.

As another example of guidance, the Department has been concerned with the length of the school day and school year; both of which were designed for an agricultural economy. To meet the needs of youth in today's industrial economy, it is our belief that the length of the school year as well as the length of the daily session should be increased substantially. Appended to this report * is a policy bulletin on this subject developed by the Department for use at the beginning of the next school year, i.e., September 1, 1958. Once again, however, policies such as this are recommendations only, recognizing the position of the Department as one based on advisory responsibilities.

* Appendix B

For the loyal and conscientious service of each Department staff member, as well as the encouragement and support accorded this officer by the members of the Board of Education and citizens of the Commonwealth, may I express grateful appreciation.

Respectfully submitted,

A handwritten signature in dark ink, appearing to read "Owen B. Kiernan", with a long horizontal line extending to the right.

Owen B. Kiernan
Commissioner of Education

June 30, 1968

MASSACHUSETTS ADVISORY COMMITTEE

ON

SCIENCE AND MATHEMATICS

<u>Name</u>	<u>Institution or Firm Represented</u>	<u>Position</u>
Dr. Owen B. Kierman	State Department of Education	Commissioner of Education
Mrs. Frances L. Allen	Newton High School	Teacher of Mathematics
Allen E. Anderson	University of Massachusetts	Head, Department of Mathematics
Rev. Stanley Desuzuka, S.J.	Boston College	Chairman, Department of Mathematics
Dr. Francis Bitter	Massachusetts Institute of Technology	Associate Dean of Science
Paul J. Boylan	Dorchester High School	Head, Science Department
John B. Davis	New England School Development Council	Executive Secretary
Dr. Gail E. Cosgrove	State Teachers College Boston	Professor of Education
Dr. John J. Desmond, Jr.	Milton, Massachusetts	Former Commissioner of Education
William W. Drake, Jr.	Raytheon Manufacturing Company	Assistant to Vice-President Engineering and Research
Dr. Austin Fisher	Arthur D. Little, Inc.	
George E. Frost	Holyoke Junior College	
Thomas E. Hardy	General Electric Company	Director Education and Training Specialist
Marie E. Kenney	Somerville High School	Science Department Head
M. Marcus Kiley	Springfield Public Schools	Assistant Superintendent
Paul A. Klingaspora	Monsanto Chemical Company	Operating Superintendent

<u>Name</u>	<u>Institution or Firm Represented</u>	<u>Position</u>
Evelyn E. Lindquist	State Teachers College Bridgewater	Principal, Martha Burnell School
Elbert P. Little	Massachusetts Institute of Technology	Physical Sciences Study Committee
Willard Maloney	Pittsfield School Department	Principal, Plunkett Elementary School
Thomas F. Mc Elligott	Lowell Technical Institute	Professor
John F. Mc Govern	Salpole High School	Principal
John J. Millane	State Department of Education	Senior Supervisor of Secondary Education
William T. Miller	Boston Public Schools	Head Master, South Boston High School
Rt. Rev. Timothy P. O'Leary	Archdiocese of Boston Department of Education	Superintendent of Schools
Dr. Albert O. Olson	Brandeis University	Department of Biology
Dr. John S. Reed	Boston University	Professor of Education
Jesus O. Richardson	State Department of Education	Coordinator of Science and Mathematics
Francois E. Riordan	Junior High, Framingham	Principal
Wallace W. Sawyer	Weston High School	Vice-Principal
Raymond F. Scott	Bridge Technical High Cambridge	Master's Assistant
Margaret A. Shea	State Department of Education	Senior Supervisor of Elementary Education
Sister Aloysia	Diocesan Parochial Secondary Schools	Teacher
Sister Marice, C.B.J.	Diocesan Parochial Secondary Schools	Teacher of Mathematics Grade 12

- 3 -

<u>Name</u>	<u>Institution or Firm Represented</u>	<u>Position</u>
Joseph Spear	Northeastern University	Chairman, Department of Mathematics
Mildred B. Stone	State Teachers College Salem	Professor
Henry C. Stubbs	Milton Academy	Teacher, Science Department
Dr. Eugene A. Sullivan	State Teachers College Worcester	President
Dr. Patrick J. Sullivan	State Department of Education	Director, Division of Elementary and Secondary Education
Chan Waldron	Museum of Science	Education Department
Ralph W. Ward	Brockline Public Schools	Director of Mathematics
Thomas L. Warren	Bundolph Schools	Superintendent of Schools
Dr. Fletcher C. Watson	Harvard University	Professor of Education
George P. Wrightson	Turners Falls High School	Principal
Dr. Jerrold Zacharias	Massachusetts Institute of Technology	Director of Physics
Massachusetts Elementary School Principals' Association		
I. Raymond Libby, Principal, Lincoln School, Braintree		
Massachusetts Junior High School Principals' Association		
Everett P. Mc Cue, Principal, Duggan Junior High School, Springfield		
Massachusetts Secondary School Principals' Association		
Samuel M. Graves, Principal, Wellesley High School, Wellesley		
Massachusetts School Superintendents' Association		
Dr. E. Davis Woodbury, Superintendent of Schools, Milton		

• Appendix B

THE COMMONWEALTH OF MASSACHUSETTS
Department of Education
200 Newbury Street, Boston 16

September 1, 1958

TO: Chairmen of School Committees
 Superintendents of Schools

FROM: Commissioner of Education

RE: Length of School Day and School Year

Massachusetts has achieved a distinguished record in the field of education. This has been due in large measure to the dedicated service of teachers, administrators, and members of our school committees throughout the Commonwealth. No system, however, can rest on its laurels and a continuing evaluation of our program is imperative.

Since October 4, 1957, when the U.S.S.R. launched the first earth satellite, education has been in the focus of public attention. Citizens everywhere are taking a "closer look" at our schools and colleges. Some have assumed erroneously that quality programs are too few. Yet, Sputnik I did serve a useful purpose in highlighting the needs of schools and colleges generally. It suggested, also, that the highly competitive world in which we live demands an education of such scope, depth and diversity to guarantee for every American child his rightful place in the sun.

Among other considerations a full school day and a full school year are absolute essentials. Several Massachusetts communities have made plans to inaugurate a longer school day and a longer school year beginning this September. One has arranged for a 6 1/2 hour day and a 185 day year. Others have initiated highly successful summer school programs. These systems deserve our highest commendation.

In order that the minimum standards of the Board of Education be understood clearly, the accompanying bulletin is forwarded to your attention. I am confident that you will accept it in your usual spirit of cooperation and that the implementation of these recommendations will guarantee continuing progress to which the citizens of Massachusetts will point with justified pride.

Yours very sincerely,

OWEN B. KIRKMAN

Commissioner of Education

OBK:wg

* Appendix B

THE COMMONWEALTH OF MASSACHUSETTS
Department of Education
200 Newbury Street, Boston 18

September 1, 1958

POLICY BULLETIN

The Department of Education is charged by statute with a number of regulatory functions. Additionally, it shares a leadership role with the school systems of the Commonwealth. To this end, the following proposals are made for the improvement of the educational program in the public schools.

I. PROVIDING A FULL SCHOOL DAY OF INSTRUCTION

For the purpose of stimulating local school systems to provide for full days of instruction it is recommended that

Elementary Schools operate not less than 5 hours* daily

and

Secondary Schools operate not less than 5 1/2 hours* daily

*Exclusive of lunch or other recess

It is recognized that most of the school systems in Massachusetts operate above these recommended minima. A few communities have been forced to establish a double platoon plan while awaiting the opening of new buildings to care for rapidly increasing enrollments. The Department assumes, however, that such arrangements will be for a limited period only and that a return to a full program of instruction for all pupils will be inaugurated shortly.

II. PROVIDING FOR A FULL YEAR OF INSTRUCTION

Chapter 71, section 4, of the General Laws requires a school year of at least 180 days, exclusive of vacations. The statute allows the Department to grant exemptions under certain conditions. However, as a first step in guaranteeing the basic minimum of 180, it is recommended that every effort be made to make up lost days during scheduled vacation periods and/or by extending the school year in June.

REPORT OF

DIRECTOR OF RESEARCH AND STATISTICS

~~TO COME~~

COMPARATIVE STATISTICS

A Comparison of certain totals for the Commonwealth for the year 1947-48 with the corresponding totals for 1957-58, as given in the preceding tables, and the per cent of increase or decrease during the ten-year period.

Column in preceding table	ITEM	1947-48	1957-58	Percent increase or decrease <u>1/</u>
POPULATION				
1	Population, U. S. Census 1940 and Mass. Census 1955.....	4,316,721	4,837,645	12.1
	Registration of minors October 1, 1947 and 1957			
130	Persons 5 to 7 years of age.....	134,965	185,591	37.5
135	Persons 7 to 16 years of age.....	535,141	762,843	42.5
142	Illiterate minors 16 to 21 years of age	1,405	840	40.8 <u>1/</u>
PUBLIC DAY SCHOOLS, ELEMENTARY, JUNIOR HIGH, AND HIGH				
6	Principals, supervisors, and teachers..	23,746	33,357	40.5
8	Pupils enrolled.....	590,827	809,100	36.9
10	Average daily attendance.....	521,033	719,524	38.1
12	Average membership.....	562,871	781,343	38.8
PUBLIC DAY ELEMENTARY SCHOOLS (Grades 1-8)				
54-57	Principals, supervisors, and teachers...	5,625	8,397	49.3
58,59	Pupils enrolled.....	143,619	213,649	48.8
62	Average daily attendance.....	129,545	192,814	48.8
63	Average membership.....	139,099	208,381	49.8
PUBLIC DAY ELEMENTARY SCHOOLS (Grades 1-6)				
68-71	Principals, supervisors, and teachers...	7,840	11,978	52.8
72,73	Pupils enrolled.....	228,034	328,086	43.9
76	Average daily attendance.....	198,906	288,729	45.2
77	Average membership.....	217,182	316,008	45.5
PUBLIC DAY JUNIOR HIGH SCHOOLS (Grades 7-9)				
82,83	Principals, supervisors, and teachers...	3,722	4,751	27.6
85,86	Pupils enrolled.....	77,369	108,011	39.6
89	Average daily attendance.....	69,545	96,449	38.7
90	Average membership.....	74,515	104,152	39.8

1/ Decrease

[illegible]

Comparative Statistics (Continued) -2-

Column in preceding table	ITEM	1947-48	1957-58	Percent increase or decrease ^{1/}
PUBLIC DAY HIGH SCHOOLS (Grades 10-12)				
95;96	Principals, supervisors, and teachers.	3,928	4,804	22.3
98,99	Pupils enrolled.....	88,133	91,241	3.5
102	Average daily attendance.....	74,931	80,235	7.1
103	Average membership.....	80,964	87,139	7.6
PUBLIC DAY HIGH SCHOOLS (Four-year)				
109;110	Principals, supervisors, and teachers.	2,631	3,427	30.3
112,113	Pupils enrolled.....	53,672	68,113	26.9
116	Average daily attendance.....	48,106	61,297	27.4
117	Average membership.....	51,111	65,663	28.5
PUBLIC EVENING SCHOOLS				
	Cities and towns maintaining.....	42	43	2.3
	Teachers.....	560	841	50.2
	Pupils enrolled.....	14,811	25,290	70.8
	Expenditure.....	\$210,507.73	\$542,897.10	157.9
PUBLIC VACATION SCHOOLS				
	Cities and towns maintaining.....	11	15	36.4
	Teachers.....	96	268	179.2
	Pupils enrolled.....	2,925	7,013	139.8
	Expenditure.....	\$22,587.16	\$117,147.45	418.6
VALUATION				
2	Valuation for 1947 and 1957.....	\$6,595,462,470	\$8,895,624,693	34.9
	Valuation per pupil in the average membership.....	11,717	11,385	2.8 ^{1/}
ITEMIZED EXPENDITURES				
16	General control, including salaries and expenses of school committees and superintendents.....	\$3,946,670.33	\$7,114,559.97	80.3
	Cost per pupil in average membership	7.01	9.11	30.0
17	Salaries of principals, supervisors, and teachers.....	70,276,026.54	165,283,944.25	135.2
	Cost per pupil in average membership	139.06	211.54	52.1
18	Textbooks.....	1,120,052.82	3,359,374.66	199.9
	Cost per pupil in average membership	1.99	4.30	116.1
19	Other expenses of instruction.....	3,227,486.10	8,409,068.64	160.5
	Cost per pupil in average membership	5.73	10.76	87.8

^{1/} Decrease

Supervisor
Department of Public Health
City of New York

Mr. [Name]
[Address]
[City, State, Zip]

Dear Mr. [Name]:
I am writing to you regarding the [Topic].
[Detailed description of the situation or problem.]

Very truly yours,
[Signature]

[Name]
[Title]
[Department]
[City, State, Zip]

Very truly yours,
[Signature]

[Name]
[Title]
[Department]
[City, State, Zip]

Very truly yours,
[Signature]

[Name]
[Title]
[Department]
[City, State, Zip]

Very truly yours,
[Signature]

[Name]
[Title]
[Department]
[City, State, Zip]

Very truly yours,
[Signature]

[Name]
[Title]
[Department]
[City, State, Zip]

[Name]
[Title]
[Department]
[City, State, Zip]

[Name]
[Title]
[Department]
[City, State, Zip]

[Name]
[Title]
[Department]
[City, State, Zip]

[Name]
[Title]
[Department]
[City, State, Zip]

Comparative Statistics (Concluded)

-3-

Column in preceding table	ITEM	1947-48	1957-58	Percent increase or decrease ^{1/}
20	Operation of school plant, including janitor service and fuel....	\$12,467,760.56	\$27,914,540.18	123.9
	Cost per pupil in average membership.....	22.15	35.73	61.3
21	Repairs, replacement and upkeep...	5,225,849.85	9,556,125.76	82.9
	Cost per pupil in average membership.....	9.30	12.23	31.5
22	Libraries.....	92,749.06	389,516.28	320.0
	Cost per pupil in average membership.....	.16	.50	212.5
23	Promotion of health.....	1,604,782.94	3,498,521.94	118.0
	Cost per pupil in average membership.....	2.85	4.48	57.2
24	Transportation.....	2,593,016.89	8,431,636.93	225.2
	Cost per pupil in average membership.....	4.61	10.79	134.0
25	Tuition.....	933,129.55	2,416,860.81	159.0
	Cost per pupil in average membership.....	1.66	3.09	86.1
26	Physical education.....	-	1,837,079.42	- ^{2/}
	Cost per pupil in average membership.....	-	2.35	- ^{2/}
27	School lunch.....	-	933,686.41	- ^{2/}
	Cost per pupil in average membership.....	-	1.19	- ^{2/}
27a	Miscellaneous expenditures for support.....	1,398,500.55	2,791,756.59	99.6
	Cost per pupil in average membership.....	2.48	3.57	44.0
28	Total for support, including ordinary repairs.....	102,888,025.19	241,936,671.84	135.1
	Cost per pupil in average membership.....	182.79	309.64	69.4
31	Total for outlay--new schoolhouses, alterations and permanent repairs	3,166,342.63	43,997,810.79	1,289.5
	Cost per pupil in average membership.....	5.63	56.31	999.2
28,31	Total for support and outlay.....	106,054,367.82	285,934,482.63	169.6
	Cost per pupil in average membership.....	188.42	365.95	94.2

^{1/} Decrease^{2/} No comparable figures for 1947-

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THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

Division of Research and Statistics

JOHN W. MCDEVITT, Chairman of the Board

OWEN B. KIERNAN

Commissioner of Education

RAYMOND A. FITZGERALD

Deputy Commissioner of Education

John P. McMorrow, Director

PER PUPIL COSTS, VALUATIONS, TAX RATES, ETC.
SCHOOL YEAR 1957 - 1958

(Excerpts from Part II, Annual Report)

CTT/T/B

700

December, 1958

PER PUPIL COSTS
VALUATION, TAX RATES, ETC.
SCHOOL YEAR 1957 - 1958

CITY OR TOWN	Valuation (1957) per pupil in net average membership, year ending June 30, 1958	EXPENDED FOR SUPPORT OF ALL PUBLIC DAY SCHOOLS, YEAR ENDING DECEMBER 31, 1957				
		Expend for schools from local taxa- tion year end- ing Dec. 31, 1957 per \$1,000 valuation	Rate of total tax per \$1,000 valuation 1957	From local		
				taxation per pupil in net average membership	reimburse- ment per pupil in net average mem- bership	From all sources per pupil in net av- erage mem- bership
Abington	\$4,467	\$48.53	\$92.00	\$216.80	\$39.85	\$266.60
Acton	7,148	31.80	72.00	227.29	60.26	293.86
Acushnet	5,361	30.53	66.00	163.66	77.11	242.44
.dams	7,315	24.88	54.00	181.97	54.26	255.64
Agawam	7,431	30.91	64.00	229.69	51.60	282.33
Alford	-	-	-	-	-	-
Amesbury	8,272	22.07	72.00	182.57	63.12	299.93
Amherst	9,082	42.75	70.00	388.20	53.58	442.71
Andover	8,836	26.67	64.00	235.65	37.90	273.51
Arlington	11,520	23.36	70.40	269.12	36.46	308.03
Ashburham	11,085	16.45	45.00	182.31	79.43	261.74
Ashby	4,126	60.37	95.00	249.09	94.07	347.66
Ashfield	6,903	31.45	58.00	217.07	102.78	336.45
Ashland	6,256	33.78	65.00	211.34	45.37	256.71
.thol	5,761	33.06	73.00	190.43	46.06	240.99
Attleboro	10,744	22.31	50.90	239.69	33.17	273.27
Auburn	5,960	34.49	58.80	205.53	38.31	244.26
Aven	4,427	36.13	65.00	159.95	38.27	200.41
Ayer	10,091	17.71	52.00	178.80	113.42	525.69

* In Part II Annual Report 1957 - 1958.

Note: Comparable information is not available for these
Southern Berkshire Regional District towns.

the 1990s, the number of people in the world who are under 15 years of age is expected to increase from 1.1 billion to 1.5 billion. The number of people aged 65 and over is expected to increase from 200 million to 400 million. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion. The number of people aged 15 and over is expected to increase from 3.5 billion to 4.5 billion.

Figure 1. The effect of the concentration of the *Agrobacterium* suspension on the transformation efficiency of *Agrobacterium* strains. The *Agrobacterium* strains were grown in the YEA medium for 24 h at 28°C. The cell concentration of the strains was adjusted to 10⁸ cells/ml. The cell suspension was mixed with the plant tissue and the transformation efficiency was determined. The results were expressed as the mean ± SD of three independent experiments. The asterisks indicate the significant difference between the strains.

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Journal of Management Education 30(6)p.789-804
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Figure 6

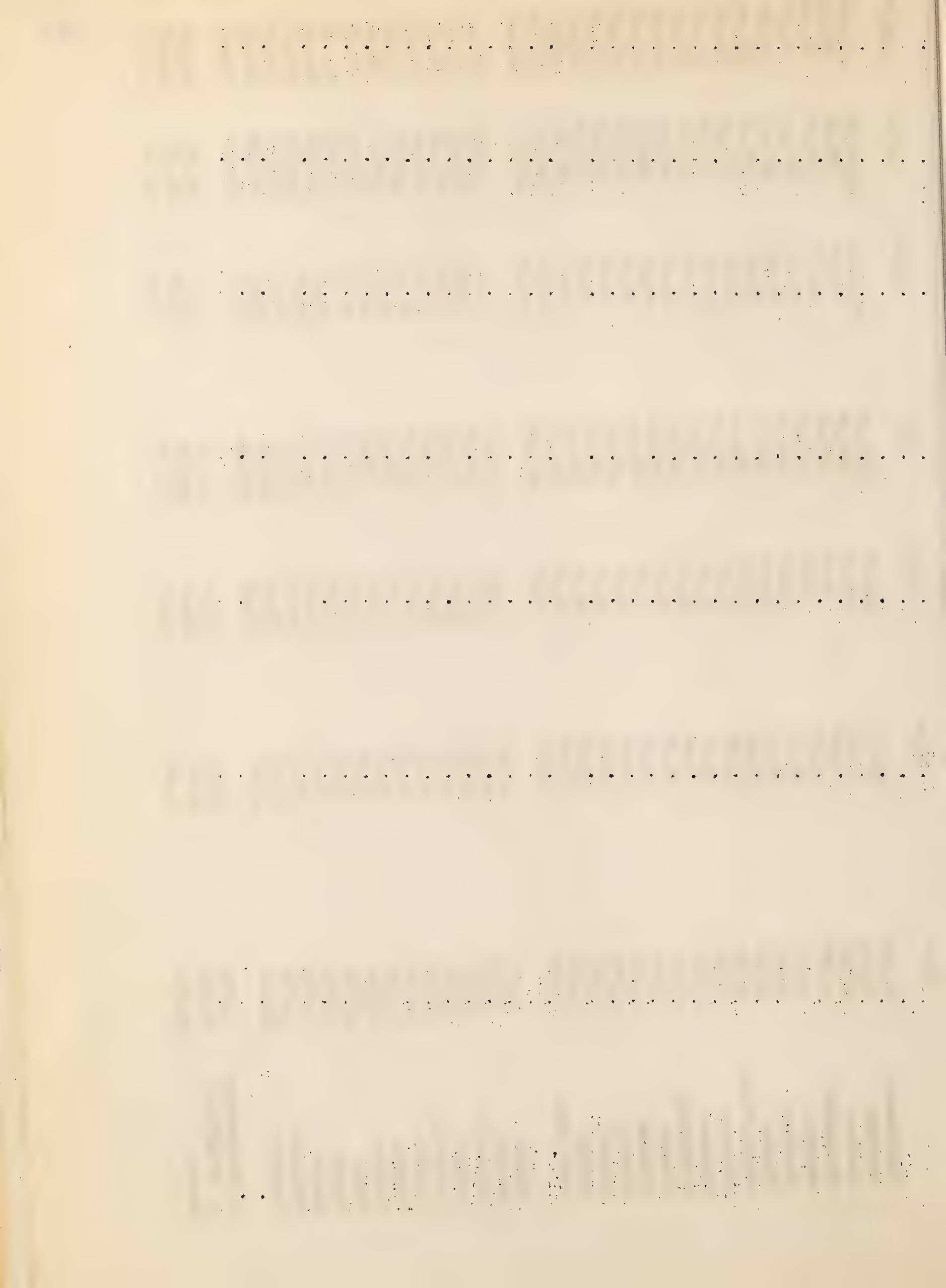
1. *Pharmaceutical industry*—United States—History. I. Title. II. Series.

This image shows a blank, aged, cream-colored page, likely an endpaper or flyleaf of a book. The paper has a slightly grainy texture and is covered with numerous small, dark brown spots, characteristic of foxing or dirt. There are also a few larger, faint smudges and discolorations scattered across the surface. The overall appearance is that of an old, well-preserved but slightly worn piece of paper.

(continued from page 60)

| | (32)* | (34)* | (36)* | (39)* | (42)* | (47A)* | (47B)* |
|-------------|----------|---------|---------|----------|---------|----------|----------|
| Barnstable | \$20,596 | \$12.27 | \$37.40 | \$252.64 | \$29.86 | \$291.02 | \$291.59 |
| Barre | 4,172 | 54.16 | 80.00 | 225.92 | 91.07 | 316.57 | 317.37 |
| Becket | 9,265 | 30.88 | 70.00 | 286.05 | 164.72 | 591.21 | 461.52 |
| Bedford | 9,100 | 27.31 | 67.00 | 248.57 | 51.17 | 324.31 | 324.54 |
| Belchertown | 2,991 | 55.30 | 88.00 | 165.40 | 86.69 | 252.53 | 260.64 |
| Bellingham | 8,321 | 17.92 | 44.00 | 149.09 | 84.68 | 231.33 | 234.89 |
| Belmont | 15,658 | 20.44 | 48.00 | 320.08 | 18.11 | 341.06 | 341.14 |
| Berkley | 4,286 | 32.85 | 64.00 | 140.80 | 98.24 | 287.87 | 239.04 |
| Berlin | 6,141 | 34.26 | 70.00 | 210.39 | 82.88 | 373.08 | 299.57 |
| Bernardston | 6,636 | 17.33 | 53.00 | 114.99 | 73.09 | 279.45 | 190.65 |
| Beverly | 9,561 | 24.18 | 69.40 | 231.22 | 36.07 | 268.55 | 271.02 |
| BillERICA | 5,729 | 32.28 | 84.00 | 184.94 | 54.96 | 246.74 | 249.41 |
| Blackstone | 5,577 | 27.49 | 66.00 | 153.32 | 101.04 | 254.18 | 267.01 |
| Blandford | 6,160 | 35.40 | 50.00 | 218.04 | 99.23 | 399.88 | 317.07 |
| Bolton | 7,096 | 29.48 | 67.00 | 209.21 | 76.59 | 379.64 | 292.27 |
| Boston | 17,255 | 17.46 | 86.00 | 301.36 | 27.96 | 328.99 | 330.12 |
| Bourne | 12,779 | 12.59 | 48.80 | 160.86 | 37.39 | 263.40 | 263.56 |
| Buxborough | 4,449 | 60.13 | 66.00 | 267.50 | 96.67 | 579.02 | 350.56 |
| Boxford | 7,089 | 29.87 | 65.00 | 211.78 | 63.72 | 381.71 | 276.41 |
| Boylston | 7,104 | 30.93 | 60.00 | 219.73 | 71.71 | 380.04 | 292.13 |
| Braintree | 7,588 | 30.39 | 66.80 | 230.64 | 35.62 | 274.63 | 275.15 |
| Brewster | 23,861 | 14.91 | 44.00 | 355.80 | 113.19 | 692.14 | 471.16 |
| Bridgewater | 5,891 | 37.04 | 75.20 | 218.20 | 45.93 | 264.77 | 266.72 |
| Brimfield | 3,787 | 63.19 | 100.00 | 239.30 | 123.13 | 602.04 | 368.02 |
| Brockton | 9,022 | 20.47 | 64.50 | 184.64 | 35.85 | 221.08 | 221.65 |
| Brockfield | 6,338 | 36.85 | 60.00 | 233.53 | 83.42 | 515.90 | 317.84 |
| Brookline | 26,257 | 16.00 | 48.50 | 420.10 | 10.38 | 432.65 | 433.42 |
| Buckland | 9,024 | 25.95 | 52.00 | 234.20 | 50.81 | 343.25 | 296.16 |
| Burlington | 6,649 | 22.06 | 60.00 | 146.69 | 44.94 | 198.35 | 199.99 |
| Cambridge | 24,288 | 14.60 | 59.40 | 354.64 | 27.64 | 383.33 | 385.77 |
| Canton | 9,043 | 24.53 | 69.00 | 221.84 | 57.61 | 283.93 | 285.21 |
| Carlisle | 7,263 | 33.57 | 68.00 | 243.84 | 70.21 | 399.92 | 321.50 |
| Carver | 10,172 | 21.23 | 53.50 | 215.94 | 96.12 | 384.10 | 317.07 |

| | (32)* | (34)* | (36)* | (39)* | (42)* | (47A)* | (47B)* |
|----------------|---------|---------|---------|----------|----------|------------|----------|
| Charlemont | \$9,107 | \$34.35 | \$56.00 | \$312.80 | \$116.06 | \$1,422.20 | \$471.26 |
| Charlton | 5,653 | 35.01 | 64.00 | 197.88 | 88.55 | 285.01 | 288.01 |
| Chatham | 30,382 | 9.02 | 32.40 | 273.95 | 42.73 | 317.67 | 316.68 |
| Chelmsford | 5,977 | 29.38 | 73.00 | 175.60 | 54.22 | 229.26 | 231.50 |
| Chelsea | 9,507 | 23.13 | 74.80 | 219.92 | 42.12 | 262.43 | 262.59 |
| Cheshire | 4,425 | 38.14 | 70.00 | 168.79 | 61.80 | 296.36 | 234.98 |
| Chester | 5,438 | 39.45 | 55.00 | 214.54 | 117.59 | 321.26 | 366.12 |
| Chesterfield | 9,314 | 21.88 | 62.00 | 203.78 | 148.58 | 399.34 | 352.36 |
| Chicopee | 7,774 | 20.72 | 56.00 | 161.05 | 43.97 | 244.62 | 245.03 |
| Chilmark | 42,947 | 9.48 | 28.50 | 407.21 | 194.47 | 885.96 | 606.18 |
| Clarksburg | 3,403 | 58.25 | 78.00 | 198.24 | 63.85 | 328.22 | 262.09 |
| Clinton | 9,591 | 23.37 | 75.60 | 224.14 | 58.59 | 285.69 | 291.46 |
| Cohasset | 11,221 | 23.25 | 63.00 | 260.88 | 43.53 | 315.16 | 315.16 |
| Colrain | 4,769 | 46.02 | 82.00 | 219.47 | 76.89 | 375.70 | 301.05 |
| Concord | 9,811 | 33.29 | 78.40 | 326.61 | 40.02 | 387.26 | 398.04 |
| Conway | 5,440 | 37.28 | 80.00 | 202.79 | 146.14 | 569.98 | 350.76 |
| Cummington | 6,884 | 31.24 | 58.00 | 215.08 | 144.10 | 419.34 | 360.42 |
| Dalton | 8,851 | 26.80 | 54.00 | 237.23 | 29.71 | 279.38 | 307.24 |
| Danvers | 7,578 | 30.15 | 58.00 | 228.48 | 35.63 | 269.23 | 271.93 |
| Dartmouth | 7,977 | 28.57 | 61.60 | 227.93 | 53.26 | 283.54 | 282.58 |
| Dedham | 10,494 | 22.78 | 54.60 | 239.01 | 37.78 | 275.80 | 278.37 |
| Deerfield | 8,538 | 29.35 | 51.00 | 250.59 | 72.41 | 491.31 | 323.01 |
| Dennis | 26,364 | 10.49 | 42.20 | 276.53 | 77.91 | 478.24 | 358.06 |
| Dighton | 6,628 | 34.17 | 54.00 | 26.45 | 95.15 | 323.03 | 352.27 |
| Douglas | 5,026 | 34.95 | 66.00 | 175.65 | 75.95 | 252.63 | 254.13 |
| Dover | 15,784 | 21.49 | 47.00 | 339.15 | 45.30 | 462.94 | 384.46 |
| Dracut | 5,564 | 33.53 | 72.00 | 186.57 | 61.65 | 246.54 | 253.01 |
| Dudley | 4,081 | 39.02 | 99.80 | 159.26 | 66.97 | 273.52 | 227.03 |
| Dunstable | 4,698 | 38.47 | 75.00 | 180.68 | 114.45 | 478.29 | 299.32 |
| Duxbury | 12,640 | 21.82 | 63.00 | 275.84 | 75.92 | 356.25 | 356.63 |
| E. Bridgewater | 5,978 | 32.85 | 75.00 | 196.34 | 48.99 | 251.75 | 254.27 |
| E. Brookfield | 6,309 | 26.69 | 65.00 | 168.38 | 52.69 | 266.07 | 223.58 |
| Eastham | 24,071 | 14.27 | 36.50 | 343.59 | 95.91 | 907.43 | 439.96 |



| | (32)* | (34)* | (36)*
-4- | (39)* | (42)* | (47A)* | (47B)* |
|----------------|----------|---------|--------------|----------|---------|----------|----------|
| Easthampton | \$12,076 | \$16.56 | \$48.00 | \$199.99 | \$53.37 | \$251.82 | \$264.94 |
| E. Longmeadow | 8,717 | 24.58 | 49.00 | 214.25 | 45.20 | 301.20 | 264.65 |
| Easton | 4,780 | 36.23 | 70.00 | 173.20 | 43.05 | 235.32 | 238.49 |
| Edgartown | 22,060 | 11.85 | 42.00 | 261.47 | 49.16 | 310.64 | 310.64 |
| Egremont / | - | - | - | - | - | - | - |
| Erving | 7,146 | 26.73 | 58.00 | 191.02 | 57.21 | 412.89 | 249.34 |
| Essex | 5,680 | 32.69 | 78.80 | 185.70 | 56.14 | 321.24 | 241.84 |
| Everett | 14,548 | 18.30 | 49.20 | 266.23 | 22.91 | 291.03 | 292.93 |
| Fairhaven | 6,568 | 24.47 | 64.00 | 160.68 | 49.71 | 221.23 | 233.07 |
| Fall River | 9,787 | 21.22 | 72.60 | 207.65 | 56.91 | 263.55 | 269.65 |
| Falmouth | 17,812 | 12.07 | 42.00 | 215.02 | 29.93 | 267.79 | 270.81 |
| Fitchburg | 14,953 | 18.54 | 66.50 | 277.25 | 56.81 | 337.15 | 341.65 |
| Florida | 10,781 | 25.07 | 67.00 | 270.32 | 145.63 | 523.97 | 430.66 |
| Foxborough | 7,363 | 33.11 | 70.00 | 243.76 | 43.20 | 287.50 | 287.50 |
| Framingham | 11,123 | 22.06 | 53.00 | 245.39 | 31.03 | 282.87 | 286.72 |
| Franklin | 7,757 | 28.87 | 58.00 | 223.97 | 51.78 | 275.79 | 277.71 |
| Freetown | 5,394 | 30.52 | 66.40 | 164.61 | 98.40 | 313.30 | 265.99 |
| Gardner | 14,634 | 16.86 | 55.00 | 246.75 | 40.70 | 283.92 | 305.37 |
| Gay Head | 22,350 | 16.62 | 40.00 | 371.50 | 159.00 | 1,061.00 | 530.50 |
| Georgetown | 4,921 | 36.29 | 75.00 | 178.58 | 57.26 | 241.92 | 248.48 |
| Gill | 5,470 | 30.55 | 58.00 | 167.12 | 89.16 | 308.76 | 258.33 |
| Gloucester | 11,350 | 21.72 | 63.80 | 246.50 | 35.91 | 281.71 | 290.72 |
| Goshen | 8,512 | 20.50 | 54.00 | 174.54 | 145.17 | 440.25 | 319.70 |
| Gosnold | 77,000 | 8.27 | 43.50 | 642.20 | 281.80 | 1,848.20 | 924.10 |
| Grafton | 5,223 | 35.03 | 70.00 | 182.98 | 63.55 | 249.41 | 251.86 |
| Granby | 4,775 | 30.27 | 50.00 | 144.53 | 49.86 | 238.30 | 204.68 |
| Granville | 14,609 | 19.11 | 45.00 | 279.20 | 81.07 | 442.54 | 360.28 |
| Gt. Barrington | 9,228 | 26.66 | 53.00 | 245.97 | 40.49 | 285.72 | 291.32 |
| Greenfield | 10,502 | 20.12 | 54.00 | 211.29 | 32.91 | 246.70 | 249.29 |
| Groton | 6,161 | 39.80 | 77.00 | 245.24 | 72.77 | 332.45 | 331.98 |
| Groveland | 4,349 | 43.86 | 85.00 | 190.75 | 56.77 | 313.86 | 247.64 |
| Hadley | 6,175 | 29.44 | 54.00 | 181.79 | 59.68 | 247.13 | 247.47 |
| Halifax | 10,055 | 17.70 | 47.00 | 177.92 | 78.18 | 477.89 | 262.76 |

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10/13

| | (32)* | (34)* | (36)* | (39)* | (42)* | (47A)* | (47B)* |
|--------------|---------|---------|---------|----------|---------|----------|----------|
| Hamilton | \$9,200 | \$23.84 | \$48.00 | \$219.33 | \$41.60 | \$261.76 | \$262.52 |
| Hampden | 5,866 | 39.85 | 72.00 | 233.80 | 94.00 | 371.60 | 328.54 |
| Hancock | 9,488 | 22.16 | 40.00 | 210.29 | 133.30 | 612.92 | 351.30 |
| Hanover | 5,883 | 32.65 | 75.00 | 192.09 | 51.98 | 254.56 | 259.01 |
| Hanson | 5,046 | 35.09 | 72.00 | 177.08 | 62.75 | 322.92 | 248.86 |
| Hardwick | 5,907 | 38.32 | 62.00 | 226.32 | 94.00 | 315.17 | 337.88 |
| Harvard | 8,201 | 28.05 | 60.00 | 228.04 | 76.87 | 316.97 | 320.50 |
| Harwich | 19,719 | 14.61 | 51.00 | 288.08 | 61.35 | 349.42 | 351.73 |
| Hatfield | 8,007 | 30.49 | 50.00 | 244.10 | 54.15 | 303.20 | 303.20 |
| Haverhill | 12,755 | 16.45 | 58.00 | 209.81 | 45.73 | 257.15 | 266.36 |
| Hawley | 7,604 | 39.72 | 80.00 | 302.00 | 189.85 | - | 491.85 |
| Heath | 8,825 | 18.64 | 85.00 | 164.49 | 247.11 | 530.35 | 457.75 |
| Hingham | 9,488 | 28.75 | 71.00 | 272.74 | 45.99 | 341.74 | 341.64 |
| Hinsdale | 6,932 | 27.51 | 62.00 | 190.75 | 84.74 | 363.06 | 284.49 |
| Holbrook | 5,975 | 29.82 | 69.80 | 178.19 | 33.78 | 218.06 | 218.86 |
| Holden | 4,740 | 50.27 | 75.00 | 238.26 | 65.23 | 407.65 | 304.91 |
| Holland | 8,960 | 28.17 | 60.00 | 252.42 | 111.55 | 611.69 | 367.02 |
| Holliston | 6,112 | 34.50 | 73.00 | 210.83 | 53.42 | 264.15 | 265.39 |
| Holyoke | 16,411 | 15.50 | 50.00 | 254.38 | 34.91 | 293.10 | 294.28 |
| Hopedale | 9,838 | 26.71 | 46.50 | 262.77 | 40.26 | 302.05 | 308.13 |
| Hopkinton | 4,574 | 40.41 | 88.00 | 184.83 | 69.31 | 257.75 | 256.83 |
| Hubbardston | 4,149 | 51.23 | 92.00 | 212.57 | 112.52 | 422.58 | 325.43 |
| Hudson | 7,062 | 23.79 | 84.00 | 168.04 | 48.02 | 216.07 | 230.73 |
| Hull | 14,612 | 19.96 | 65.00 | 291.68 | 32.73 | 333.42 | 334.25 |
| Huntington | 5,000 | 38.71 | 60.00 | 193.55 | 87.39 | 270.05 | 322.81 |
| Ipswich | 8,655 | 29.02 | 65.00 | 251.20 | 55.23 | 314.52 | 314.29 |
| Kingston | 12,067 | 18.92 | 53.00 | 228.35 | 66.06 | 501.62 | 295.03 |
| Lakeville | 6,316 | 29.22 | 57.00 | 184.57 | 78.48 | 331.52 | 263.16 |
| Lancaster | 8,805 | 24.11 | 60.00 | 212.25 | 68.38 | 280.64 | 280.64 |
| Lanesborough | 4,335 | 44.23 | 80.00 | 191.73 | 93.09 | 419.09 | 296.38 |
| Lawrence | 11,720 | 17.09 | 61.50 | 200.31 | 50.62 | 250.99 | 252.50 |
| Lee | 6,020 | 35.98 | 72.00 | 216.57 | 50.66 | 270.54 | 287.82 |
| Leicester | 5,062 | 40.59 | 99.60 | 205.49 | 118.48 | 324.46 | 327.15 |

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| | (32)* | (34)* | (36)* | (39)* | (42)* | (47A)* | (47B)* |
|---------------|--------|---------|---------|----------|---------|----------|----------|
| Lenox | 17,793 | \$30.29 | \$74.00 | \$236.06 | \$57.19 | \$295.53 | \$299.64 |
| Leominster | 11,919 | 19.28 | 59.00 | 229.84 | 70.66 | 301.62 | 302.60 |
| Leverett | 3,943 | 75.50 | 96.00 | 297.72 | 99.28 | 589.10 | 397.00 |
| Lexington | 11,610 | 19.46 | 52.00 | 225.98 | 34.86 | 269.46 | 270.32 |
| Leyden | 5,493 | 26.36 | 53.00 | 144.78 | 185.99 | 411.75 | 334.17 |
| Lincoln | 8,743 | 39.89 | 68.00 | 348.80 | 62.80 | 505.41 | 423.72 |
| Littleton | 7,214 | 32.92 | 68.00 | 237.53 | 62.14 | 320.44 | 320.80 |
| Longmeadow | 11,712 | 25.17 | 50.00 | 294.84 | 14.91 | 310.47 | 312.12 |
| Lowell | 12,189 | 18.07 | 61.60 | 220.27 | 63.50 | 282.86 | 288.10 |
| Ludlow | 5,484 | 33.45 | 70.00 | 183.47 | 64.41 | 255.10 | 256.55 |
| Lunenburg | 6,487 | 32.03 | 63.80 | 207.78 | 75.72 | 287.10 | 288.21 |
| Lynn | 10,878 | 23.21 | 68.60 | 252.50 | 36.61 | 298.31 | 300.20 |
| Lynnfield | 10,670 | 23.51 | 48.00 | 250.80 | 44.45 | 324.84 | 296.23 |
| Malden | 10,100 | 40.10 | 69.80 | 405.01 | 38.27 | 443.43 | 446.58 |
| Manchester | 17,853 | 17.68 | 51.00 | 315.61 | 24.68 | 339.73 | 340.68 |
| Mansfield | 5,893 | 43.29 | 84.50 | 255.10 | 39.15 | 295.06 | 295.24 |
| Marblehead | 11,784 | 20.46 | 55.00 | 241.09 | 27.63 | 268.97 | 269.22 |
| Marion | 11,847 | 21.79 | 54.00 | 258.15 | 38.64 | 326.91 | 297.40 |
| Marlborough | 8,089 | 21.90 | 64.50 | 177.16 | 48.27 | 226.54 | 227.10 |
| Marshfield | 15,284 | 17.28 | 52.00 | 264.15 | 62.91 | 331.64 | 339.41 |
| Mashpee | 30,753 | 10.24 | 45.50 | 315.00 | 77.46 | 370.79 | 274.82 |
| Mattapoisett | 9,173 | 22.33 | 61.00 | 204.80 | 55.18 | 320.07 | 262.69 |
| Maynard | 5,092 | 40.45 | 89.00 | 206.01 | 34.78 | 241.10 | 241.47 |
| Medfield | 6,795 | 33.53 | 81.00 | 227.81 | 39.27 | 268.51 | 268.18 |
| Medford | 11,180 | 21.80 | 54.80 | 243.72 | 38.08 | 282.32 | 284.28 |
| Medway | 6,185 | 28.67 | 60.00 | 177.37 | 36.54 | 212.92 | 215.57 |
| Melrose | 9,426 | 30.03 | 59.80 | 283.03 | 28.74 | 311.24 | 313.11 |
| Mendon | 5,653 | 22.25 | 50.00 | 125.74 | 74.95 | 201.46 | 205.17 |
| Merrimac | 8,466 | 16.95 | 42.00 | 143.50 | 67.57 | 211.76 | 218.67 |
| Methuen | 8,374 | 24.40 | 65.00 | 204.33 | 48.50 | 253.79 | 255.76 |
| Middleborough | 5,900 | 32.91 | 76.00 | 194.18 | 58.49 | 252.61 | 266.56 |
| Middlefield | 10,565 | 21.35 | 56.00 | 225.52 | 211.56 | 589.17 | 446.63 |
| Middleton | 5,229 | 36.33 | 78.50 | 189.99 | 64.77 | 329.54 | 255.72 |
| Milford | 7,518 | 26.79 | 73.00 | 201.43 | 51.67 | 253.49 | 254.80 |
| Millbury | 4,772 | 42.00 | 85.60 | 200.39 | 55.39 | 256.08 | 256.84 |

| | (32)* | (34)* | (36)* | (39)* | (42)* | (47A)* | (47B)* |
|--------------------|---------|---------|---------|----------|---------|----------|----------|
| Millis | \$5,775 | \$32.63 | \$71.00 | \$188.44 | \$49.93 | \$238.93 | \$238.37 |
| Millville | 3,911 | 31.54 | 56.00 | 123.38 | 60.31 | 198.32 | 184.95 |
| Milton | 13,346 | 18.88 | 56.20 | 251.98 | 33.19 | 290.24 | 290.07 |
| Monroe | 23,323 | 17.42 | 49.00 | 408.19 | 167.74 | 630.79 | 590.10 |
| Monson | 7,121 | 25.22 | 55.00 | 179.57 | 74.95 | 254.02 | 256.21 |
| Montague | 7,413 | 30.84 | 64.00 | 228.62 | 39.20 | 270.95 | 280.71 |
| Monterey / | - | - | - | - | - | - | - |
| Montgomery* | 8,057 | 19.71 | 46.00 | 158.79 | 138.96 | - | 297.75 |
| Mt. Washington * | 86,250 | 1.67 | 30.00 | 144.25 | 467.25 | - | 611.50 |
| Nahant | 8,981 | 24.09 | 68.50 | 16.33 | 27.95 | 282.73 | 248.37 |
| Nantucket | 26,491 | 13.42 | 42.00 | 355.52 | 18.64 | 383.16 | 383.16 |
| Natick | 9,908 | 23.34 | 55.60 | 231.22 | 38.78 | 277.06 | 278.02 |
| Needham | 13,191 | 20.69 | 52.00 | 272.97 | 32.35 | 307.10 | 311.96 |
| New Ashford | 6,152 | 33.28 | 36.00 | 204.73 | 199.94 | 635.90 | 404.67 |
| New Bedford | 10,382 | 20.03 | 58.80 | 207.95 | 44.30 | 253.56 | 258.77 |
| New Braintree | 8,064 | 25.40 | 62.00 | 204.82 | 138.97 | 609.74 | 343.79 |
| Newbury | 7,124 | 28.47 | 54.00 | 202.83 | 95.42 | 348.83 | 301.83 |
| Newburyport | 13,857 | 14.59 | 44.00 | 202.17 | 53.30 | 265.06 | 313.03 |
| New Marlborough / | - | - | - | - | - | - | - |
| New Salem | 4,778 | 63.93 | 77.00 | 300.64 | 227.49 | 284.65 | 604.44 |
| Newton | 16,358 | 20.15 | 49.20 | 329.58 | 24.40 | 354.67 | 355.52 |
| Norfolk | 5,954 | 53.64 | 61.00 | 319.42 | 63.01 | 631.71 | 383.17 |
| North Adams | 10,708 | 23.30 | 60.00 | 249.49 | 49.79 | 302.41 | 317.91 |
| Northampton | 10,155 | 24.85 | 61.00 | 252.34 | 39.34 | 302.24 | 305.88 |
| North Andover | 12,208 | 16.61 | 54.00 | 202.83 | 50.37 | 257.85 | 270.96 |
| North Attleborough | 11,049 | 17.87 | 49.00 | 197.42 | 60.38 | 258.57 | 258.57 |
| Northborough | 4,841 | 40.52 | 78.00 | 196.18 | 55.08 | 252.94 | 253.77 |
| Northbridge | 5,939 | 38.32 | 80.00 | 227.60 | 57.22 | 278.32 | 320.04 |
| North Brookfield | 8,335 | 23.74 | 69.00 | 197.92 | 73.96 | 254.34 | 303.40 |
| Northfield | 4,249 | 43.44 | 96.00 | 184.56 | 74.78 | 398.60 | 266.35 |
| North Reading | 6,221 | 27.06 | 60.00 | 168.32 | 58.61 | 230.29 | 231.87 |

* Sent pupils out of town.

1900-1901

1901-1902

1902-1903

1903-1904

1904-1905

1905-1906

1906-1907

1907-1908

| | (32)* | (34)* | (36)* | (39)* | (42)* | (47A)* | (47B)* |
|--------------|---------|---------|---------|----------|---------|----------|----------|
| Norton | \$4,549 | \$42.13 | \$88.00 | \$190.37 | \$55.41 | \$245.45 | \$246.23 |
| Norwell | 8,994 | 25.13 | 56.00 | 225.99 | 69.33 | 304.43 | 305.02 |
| Norwood | 11,373 | 19.91 | 56.00 | 226.40 | 31.34 | 258.21 | 260.55 |
| Oak Bluffs | 22,561 | 12.45 | 44.00 | 280.88 | 28.94 | 309.95 | 309.95 |
| Oakham | 3,991 | 41.84 | 78.00 | 167.01 | 160.28 | 437.61 | 327.29 |
| Orange | 5,039 | 39.99 | 80.00 | 201.51 | 49.59 | 432.52 | 257.13 |
| Orleans | 29,302 | 9.79 | 35.60 | 286.74 | 83.81 | 352.70 | 456.64 |
| Otis | 15,929 | 19.41 | 38.00 | 309.10 | 157.91 | 594.38 | 467.01 |
| Oxford | 7,636 | 26.12 | 45.00 | 190.47 | 51.17 | 251.01 | 252.07 |
| Palmer | 6,465 | 30.21 | 58.00 | 195.29 | 71.53 | 267.08 | 269.44 |
| Paxton | 8,788 | 23.70 | 50.00 | 208.29 | 85.75 | 388.37 | 297.72 |
| Peabody | 8,642 | 29.88 | 66.80 | 258.25 | 37.74 | 295.88 | 296.62 |
| Pelham | 5,104 | 53.34 | 64.00 | 272.22 | 114.01 | 632.54 | 389.55 |
| Pembroke | 6,703 | 29.75 | 69.00 | 199.44 | 72.61 | 438.78 | 272.91 |
| Pepperell | 4,866 | 33.09 | 71.00 | 161.01 | 63.50 | 233.91 | 233.91 |
| Peru | 9,463 | 19.35 | 62.00 | 183.12 | 254.90 | 855.21 | 438.03 |
| Petersham | 8,971 | 26.88 | 52.00 | 241.13 | 142.67 | 635.12 | 391.96 |
| Phillipston | 5,124 | 45.35 | 94.00 | 232.36 | 143.62 | 603.00 | 375.99 |
| Pittsfield | 11,361 | 20.70 | 55.00 | 235.18 | 36.33 | 279.57 | 287.05 |
| Plainfield | 9,731 | 26.01 | 70.00 | 253.10 | 130.46 | 554.03 | 383.56 |
| Plainville | 5,449 | 53.13 | 79.00 | 289.49 | 56.67 | 553.90 | 346.29 |
| Plymouth | 14,088 | 18.87 | 58.40 | 265.10 | 43.93 | 310.33 | 310.33 |
| Plympton | 5,870 | 39.67 | 90.00 | 232.85 | 118.05 | 548.14 | 362.33 |
| Princeton | 5,270 | 45.93 | 72.00 | 242.08 | 135.29 | 529.01 | 377.37 |
| Provincetown | 15,909 | 16.81 | 51.00 | 267.41 | 44.25 | 314.17 | 339.26 |
| Quincy | 11,668 | 23.68 | 64.80 | 276.27 | 29.35 | 315.69 | 316.43 |
| Randolph | 6,750 | 20.94 | 61.20 | 141.34 | 48.61 | 196.70 | 199.38 |
| Raynham | 6,792 | 18.67 | 40.00 | 126.82 | 67.91 | 244.95 | 197.73 |
| Reading | 9,737 | 22.59 | 60.00 | 219.99 | 38.23 | 272.68 | 273.86 |
| Rehoboth | 4,421 | 37.43 | 68.00 | 165.48 | 65.48 | 279.29 | 232.24 |
| Revere | 9,288 | 26.47 | 74.40 | 245.86 | 43.27 | 288.08 | 291.26 |
| Richmond | 8,248 | 24.26 | 50.00 | 200.12 | 110.86 | 431.36 | 312.95 |

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| | (32)* | (34)* | (36)* | (39)* | (42)* | (47A)* | |
|--------------|---------|-----------------------|---------|----------|----------|-------------------|----------|
| Rochester | \$5,601 | \$34.76 | \$64.00 | \$194.72 | \$107.63 | \$379.10 | \$307.00 |
| Rockland | 5,990 | 30.66 | 78.00 | 183.66 | 40.56 | 234.55 | 235.63 |
| Rockport | 27,924 | 75.77 7.58 | 26.00 | 211.57 | 35.04 | 247.14 | 247.14 |
| Rowe | 20,529 | 15.44 | 71.00 | 317.00 | 295.35 | 1,601.62 | 612.40 |
| Rowley | 5,684 | 35.82 | 85.00 | 203.53 | 63.43 | 344.41 | 268.27 |
| Royalston | 5,266 | 41.43 | 89.00 | 218.14 | 158.47 | 484.80 | 377.98 |
| Russell | 9,079 | 24.44 | 35.00 | 221.87 | 58.37 | 340.81 | 281.39 |
| Rutland | 5,735 | 31.70 | 56.00 | 181.82 | 91.85 | 369.89 | 292.62 |
| Salem | 19,665 | 15.30 | 52.00 | 300.83 | 41.48 | 345.37 | 345.70 |
| Salisbury | 7,713 | 29.99 | 78.00 | 231.30 | 57.47 | 377.74 | 295.37 |
| Sandisfield | 12,567 | 14.23 | 41.00 | 178.82 | 229.11 | 511.14 | 407.93 |
| Sandwich | 18,392 | 12.52 | 44.00 | 230.32 | 62.03 | 309.97 | 309.97 |
| Saugus | 6,544 | 29.83 | 64.90 | 195.22 | 41.00 | 242.88 | 244.16 |
| Savoy | 5,043 | 33.29 | 70.00 | 167.86 | 240.01 | 582.02 | 457.30 |
| Scituate | 11,262 | 21.02 | 61.60 | 236.78 | 32.27 | 279.01 | 275.16 |
| Seekonk | 9,593 | 22.26 | 39.50 | 213.57 | 54.04 | 328.49 | 269.19 |
| Sharon | 8,740 | 24.55 | 55.00 | 214.56 | 38.11 | 253.32 | 253.97 |
| Sheffield | - | - | - | - | - | - | - |
| Shelburne | 7,261 | 28.42 | 72.00 | 206.39 | 95.12 | 347.68 | 456.84 |
| Sherborn | 14,068 | 22.14 | 55.00 | 311.48 | 57.65 | 446.45 | 369.91 |
| Shirley | 5,593 | 21.78 | 50.00 | 121.82 | 64.86 | 257.14 | 195.36 |
| Shrewsbury | 7,542 | 28.17 | 60.50 | 212.50 | 50.35 | 263.50 | 263.41 |
| Shutesbury | 10,607 | 34.65 | 64.00 | 367.54 | 208.55 | 100.52 | 592.38 |
| Somerset | 12,563 | 16.21 | 38.00 | 203.63 | 41.28 | 245.91 | 246.03 |
| Somerville | 11,318 | 23.22 | 71.20 | 262.81 | 44.99 | 306.73 | 308.03 |
| Southampton | 6,031 | 33.36 | 64.00 | 201.16 | 74.23 | 344.85 | 279.94 |
| Southborough | 8,457 | 28.86 | 61.00 | 244.05 | 64.54 | 307.49 | 309.76 |
| Southbridge | 9,381 | 23.27 | 70.80 | 218.33 | 57.65 | 276.84 | 277.12 |
| South Hadley | 7,698 | 24.06 | 47.00 | 185.21 | 36.91 | 224.54 | 235.44 |
| Southwick | 4,861 | 47.95 | 72.00 | 233.13 | 72.46 | 306.84 | 306.84 |
| Spencer | 5,203 | 33.31 | 78.00 | 173.32 | 62.60 | 236.41 | 255.31 |
| Springfield | 13,913 | 18.82 | 63.00 | 261.80 | 31.41 | 301.73 | 307.87 |
| Sterling | 4,956 | 38.60 | 80.00 | 191.29 | 104.48 | 372.23 | 298.33 |
| Stockbridge | 10,687 | 27.01 | 60.00 | 288.61 | 64.37 | 341.50 | 378.38 |
| Stoneham | 9,866 | 22.22 | 62.00 | 219.24 | 42.03 | 262.15 | 262.82 |

THE UNIVERSITY OF CHICAGO

LIBRARY

1100 EAST 58TH STREET

CHICAGO, ILL. 60637

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WWW.CHICAGO.EDU

CHICAGO

| | (32)* | (34)* | (36)* | (39)* | (42)* | (47A)* | (47B)* |
|--------------|---------|---------|---------|----------|---------|----------|----------|
| Stoughton | \$6,527 | \$27.66 | \$70.80 | \$180.51 | \$51.91 | \$236.43 | \$238.40 |
| Stow | 5,347 | 42.19 | 65.00 | 225.57 | 65.22 | 294.79 | 294.79 |
| Sturbridge | 5,137 | 50.19 | 74.00 | 257.82 | 89.51 | 573.48 | 348.31 |
| Sudbury | 6,494 | 45.88 | 81.50 | 297.95 | 59.47 | 445.84 | 365.30 |
| Sunderland | 6,420 | 33.89 | 56.00 | 217.57 | 60.39 | 401.50 | 277.96 |
| Sutton | 7,863 | 23.57 | 42.50 | 185.32 | 88.54 | 272.61 | 279.34 |
| Swampscott | 12,776 | 24.46 | 62.00 | 312.49 | 23.31 | 336.00 | 336.39 |
| Swansea | 5,092 | 37.21 | 61.00 | 189.47 | 72.52 | 279.92 | 385.06 |
| Taunton | 9,033 | 24.24 | 60.50 | 219.00 | 53.73 | 272.66 | 281.03 |
| Templeton | 7,138 | 34.72 | 51.00 | 247.85 | 57.38 | 493.19 | 307.53 |
| Tewksbury | 4,993 | 33.49 | 73.00 | 167.24 | 52.96 | 225.18 | 227.19 |
| Tisbury | 15,471 | 17.36 | 45.00 | 268.50 | 47.68 | 321.83 | 355.15 |
| Tolland | 35,400 | 9.23 | 40.00 | 326.73 | 545.00 | 1,005.85 | 871.73 |
| Topsfield | 7,846 | 28.59 | 54.00 | 224.37 | 49.93 | 274.60 | 284.55 |
| Townsend | 4,482 | 47.29 | 72.00 | 11.96 | 89.60 | 300.57 | 306.24 |
| Truro | 28,766 | 11.73 | 33.00 | 337.41 | 87.54 | 726.38 | 445.85 |
| Tyngsborough | 4,168 | 36.00 | 86.00 | 150.05 | 84.83 | 282.22 | 236.66 |
| Tyringham | 14,782 | 18.16 | 43.00 | 268.38 | 96.89 | 852.83 | 372.15 |
| Upton | 6,205 | 26.28 | 61.00 | 163.09 | 86.30 | 421.77 | 251.40 |
| Uxbridge | 5,942 | 36.35 | 70.00 | 216.03 | 46.86 | 266.11 | 266.29 |
| Wakefield | 7,736 | 25.62 | 62.80 | 198.19 | 36.66 | 247.44 | 258.15 |
| Wales | 6,591 | 37.86 | 60.00 | 249.53 | 159.53 | 622.68 | 409.06 |
| Walpole | 9,846 | 27.11 | 59.00 | 266.96 | 30.65 | 314.22 | 313.98 |
| Waltham | 13,648 | 18.46 | 49.50 | 251.97 | 40.83 | 292.86 | 293.28 |
| Ware | 9,794 | 18.93 | 51.00 | 185.38 | 64.22 | 250.38 | 251.88 |
| Wareham | 10,342 | 20.91 | 55.00 | 216.28 | 38.43 | 274.88 | 283.27 |
| Warren | 6,191 | 31.77 | 66.20 | 196.65 | 82.04 | 292.80 | 293.36 |
| Warwick | 6,299 | 15.84 | 71.00 | 99.78 | 187.17 | 462.55 | 289.64 |
| Washington | 5,942 | 42.59 | 57.00 | 253.08 | 267.40 | 852.78 | 524.79 |
| Watertown | 12,648 | 22.49 | 59.80 | 284.45 | 27.40 | 311.59 | 312.99 |
| Wayland | 9,761 | 33.59 | 62.00 | 327.84 | 44.76 | 376.88 | 378.53 |
| Webster | 15,372 | 10.21 | 36.40 | 156.88 | 76.74 | 233.84 | 263.15 |
| Wellesley | 14,728 | 22.96 | 51.90 | 338.16 | 19.44 | 359.01 | 359.31 |

| | (32)* | (34)* | (36)* | (39)* | (42)* | (47A)* | (47B)* |
|------------------|----------|---------|---------|----------|---------|----------|----------|
| Wellfleet | \$23,928 | \$10.36 | \$35.00 | \$247.95 | \$85.95 | \$349.23 | \$364.96 |
| Wendell | 5,809 | 37.63 | 63.00 | 218.60 | 140.34 | 831.94 | 379.26 |
| Wenham | 13,760 | 20.53 | 40.00 | 282.53 | 44.17 | 366.00 | 327.64 |
| Westborough | 6,813 | 26.03 | 54.00 | 177.35 | 44.33 | 222.41 | 222.41 |
| West Boylston | 6,685 | 36.64 | 60.50 | 244.93 | 66.05 | 310.28 | 312.28 |
| West Bridgewater | 6,827 | 33.34 | 65.00 | 227.61 | 65.34 | 293.66 | 295.37 |
| West Brookfield | 4,965 | 37.03 | 70.00 | 183.86 | 72.50 | 329.38 | 260.32 |
| Westfield | 9,801 | 20.71 | 46.00 | 203.01 | 56.09 | 260.86 | 277.55 |
| Westford | 4,962 | 41.84 | 78.00 | 207.62 | 71.38 | 286.81 | 297.11 |
| Westhampton | 10,856 | 19.13 | 44.00 | 207.68 | 182.81 | 585.73 | 390.49 |
| Westminster | 4,678 | 44.64 | 90.00 | 208.84 | 75.01 | 327.22 | 285.15 |
| West Newbury | 4,519 | 36.44 | 76.00 | 164.69 | 87.51 | 38.73 | 253.11 |
| Weston | 13,856 | 22.87 | 44.00 | 316.87 | 39.91 | 360.99 | 365.43 |
| Westport | 9,812 | 27.02 | 62.80 | 265.10 | 68.15 | 333.69 | 334.53 |
| West Springfield | 14,344 | 18.00 | 46.00 | 258.26 | 41.21 | 300.86 | 301.95 |
| West Stockbridge | 5,778 | 30.85 | 64.00 | 178.26 | 71.99 | 328.97 | 250.24 |
| West Tisbury | 21,314 | 12.15 | 31.00 | 258.90 | 91.79 | 511.42 | 350.69 |
| Westwood | 10,318 | 31.84 | 60.50 | 328.56 | 41.89 | 375.44 | 376.38 |
| Weymouth | 11,558 | 18.31 | 50.00 | 211.62 | 35.00 | 263.42 | 263.80 |
| Whately | 5,879 | 47.10 | 70.00 | 276.80 | 92.63 | 656.63 | 370.33 |
| Whitman | 5,433 | 38.41 | 88.00 | 208.68 | 35.97 | 243.37 | 271.85 |
| Wilbraham | 8,069 | 31.38 | 52.00 | 253.23 | 78.99 | 393.80 | 337.63 |
| Williamsburg | 4,391 | 48.64 | 85.00 | 213.60 | 95.98 | 321.80 | 355.63 |
| Williamstown | 10,002 | 28.00 | 58.00 | 280.02 | 63.67 | 342.69 | 353.41 |
| Wilmington | 6,519 | 26.24 | 41.00 | 171.09 | 53.31 | 229.48 | 233.67 |
| Winchendon | 8,383 | 23.01 | 41.00 | 192.90 | 45.16 | 246.28 | 250.28 |
| Winchester | 12,692 | 23.73 | 55.60 | 301.17 | 21.77 | 324.18 | 326.81 |
| Windsor | 8,813 | 22.15 | 48.00 | 195.20 | 242.04 | 640.02 | 472.01 |
| Winthrop | 10,251 | 26.08 | 56.60 | 267.35 | 40.42 | 316.59 | 317.48 |
| Woburn | 9,431. | 19.84 | 46.00 | 187.15 | 40.95 | 234.91 | 237.33 |
| Worcester | 12,575 | 20.77 | 64.80 | 261.21 | 30.96 | 293.75 | 294.94 |
| Worthington | 10,536 | 21.15 | 57.00 | 222.87 | 128.33 | 444.57 | 355.65 |
| Wrentham | 7,950 | 48.28 | 61.00 | 383.85 | 47.30 | 765.20 | 440.05 |
| Yarmouth | 18,230 | 11.00 | 47.60 | 200.57 | 60.01 | 380.71 | 282.54 |

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper bookkeeping is essential for the success of any business and that it should be done on a regular basis. The text also mentions that records should be kept for a sufficient period of time to allow for future reference.

2. The second part of the document describes the various methods that can be used to collect and analyze data. It includes a discussion of the different types of data that can be collected, such as quantitative and qualitative data, and the various techniques that can be used to analyze this data. The text also mentions that data should be collected in a systematic and organized manner.

3. The third part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper bookkeeping is essential for the success of any business and that it should be done on a regular basis. The text also mentions that records should be kept for a sufficient period of time to allow for future reference.

4. The fourth part of the document describes the various methods that can be used to collect and analyze data. It includes a discussion of the different types of data that can be collected, such as quantitative and qualitative data, and the various techniques that can be used to analyze this data. The text also mentions that data should be collected in a systematic and organized manner.

5. The fifth part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper bookkeeping is essential for the success of any business and that it should be done on a regular basis. The text also mentions that records should be kept for a sufficient period of time to allow for future reference.

6. The sixth part of the document describes the various methods that can be used to collect and analyze data. It includes a discussion of the different types of data that can be collected, such as quantitative and qualitative data, and the various techniques that can be used to analyze this data. The text also mentions that data should be collected in a systematic and organized manner.

7. The seventh part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper bookkeeping is essential for the success of any business and that it should be done on a regular basis. The text also mentions that records should be kept for a sufficient period of time to allow for future reference.

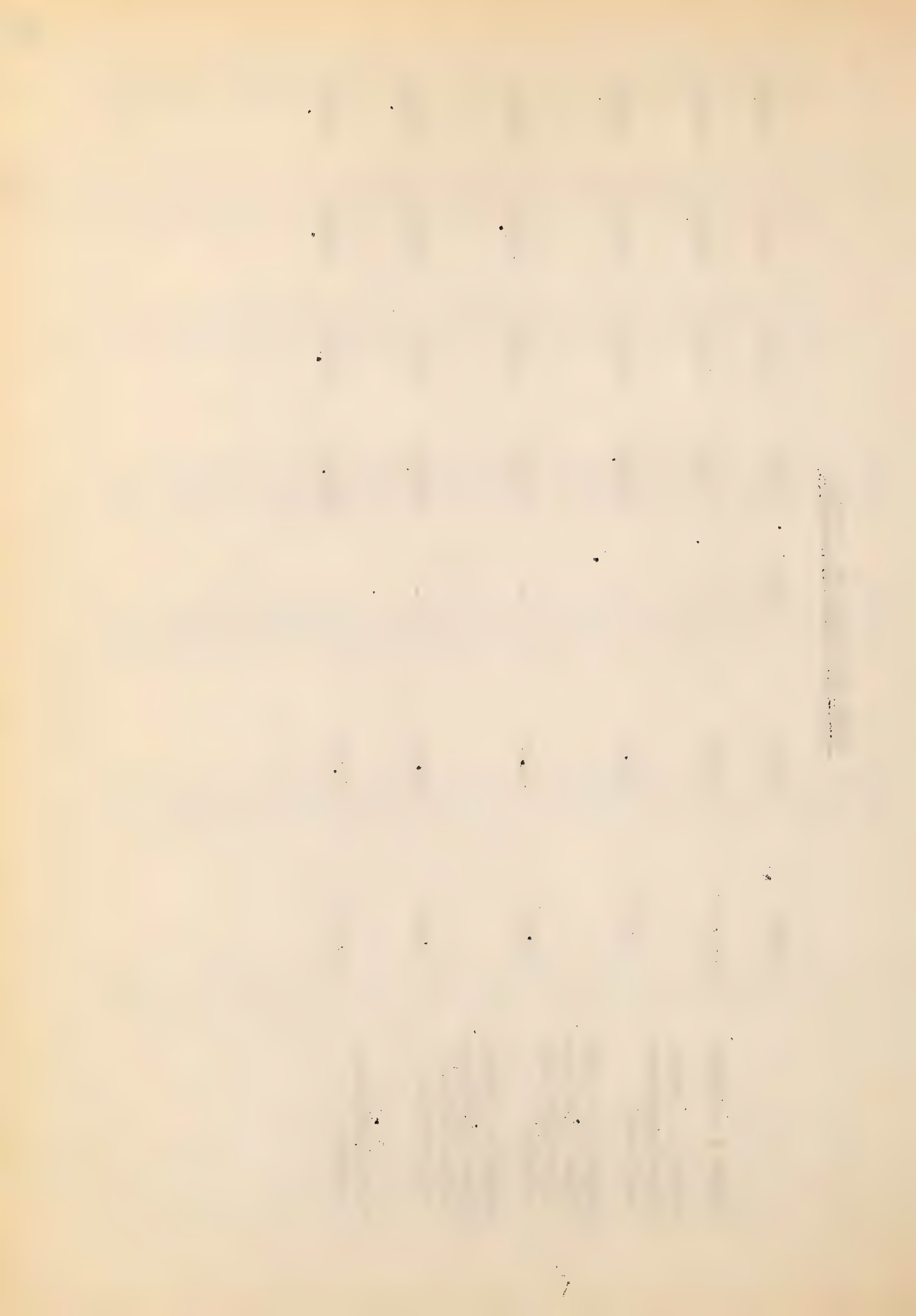
8. The eighth part of the document describes the various methods that can be used to collect and analyze data. It includes a discussion of the different types of data that can be collected, such as quantitative and qualitative data, and the various techniques that can be used to analyze this data. The text also mentions that data should be collected in a systematic and organized manner.

9. The ninth part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper bookkeeping is essential for the success of any business and that it should be done on a regular basis. The text also mentions that records should be kept for a sufficient period of time to allow for future reference.

10. The tenth part of the document describes the various methods that can be used to collect and analyze data. It includes a discussion of the different types of data that can be collected, such as quantitative and qualitative data, and the various techniques that can be used to analyze this data. The text also mentions that data should be collected in a systematic and organized manner.

GROUP AND STATE PER CAPITAS

| | (32)* | (34)* | (36)* | (39)* | (42)* | (47A)* | (47B)* |
|---|--------|-------|-------|--------|-------|--------|--------|
| GROUP I - CITIES | 13,293 | 19.74 | - | 262.42 | 36.64 | 301.67 | 304.97 |
| GROUP II - TOWNS
(5,000 population
and over) | 9,757 | 23.95 | - | 233.70 | 42.06 | 281.44 | 283.96 |
| GROUP III - TOWNS
(Under 5,000 popu-
lation with high
schools) | 9,215 | 24.17 | - | 222.76 | 66.70 | 289.01 | 302.83 |
| GROUP IV - TOWNS
(Under 5,000 popu-
lation without
high schools) | 7,508 | 27.24 | - | 204.50 | 76.42 | 350.81 | 284.51 |
| STATE (Including
regions) | 11,436 | 21.54 | - | 246.38 | 42.62 | 294.88 | 296.22 |



THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

Division of Research and Statistics

JOHN W. MCDEVITT, Chairman of the Board

OWEN B. KIERNAN

Commissioner of Education

RAYMOND A. FITZGERALD

Deputy Commissioner of Education

JOHN P. MCMORROW, Director

EXPENDITURE PER PUPIL IN AVERAGE MEMBERSHIP
ELEMENTARY, JUNIOR HIGH, AND HIGH SCHOOLS
SCHOOL YEAR ENDING JUNE 30, 1958

(Excerpts from Annual Report, Part II)

THE UNIVERSITY OF CHICAGO

LIBRARY

1911

1911

1911

1911

1911

1911

EXPENDITURE FOR SUPPORT OF PUBLIC DAY SCHOOLS
EXCLUSIVE OF GENERAL CONTROL
SCHOOL YEAR ENDING JUNE 30, 1958

| City or Town | Per Pupil in
Av. Mem. of
the Elemen-
tary 8 - 4
Schools
Grades 1-8 | Per Pupil in
Av. Mem. of
the Elemen-
tary 6-3-3
Schools
Grades 1-6 | Per Pupil in
Av. Mem. of
the Junior
High Schools
Grades
7-9 | Per Pupil in
Av. Mem. of
the Senior
High Schools
6-3-3
Grades 10-12 | Per Pupil
in Av. Mem.
of Senior
High Schools
8 - 4
Four Years |
|--------------|---|---|--|--|--|
| | 65. | 79. | 92. | 105. | 119. |
| Abington | \$245.97 | - | - | - | \$439.39 |
| Acton | - | \$261.07 | - | - | - |
| Acushnet | 216.41 | - | - | - | - |
| Adams | - | 201.55 | \$265.14 | \$301.99 | - |
| Agawam | - | 253.15 | 301.08 | 523.40 | - |
| Alford / | - | - | - | - | - |
| Amesbury | 259.95 | - | - | - | 305.71 |
| Amherst | - | 322.69 | - | - | - |
| Andover | - | 228.10 | 321.89 | 528.01 | - |
| Arlington | - | 273.26 | 366.61 | 390.56 | - |
| Ashburnham | - | 227.98 | 187.57 | - | - |
| Ashby | - | 277.36 | 292.53 | 426.83 | - |
| Ashfield | 260.45 | - | - | - | 456.47 |
| Ashland | - | 222.84 | 257.06 | 571.11 | - |
| Athol | 186.24 | - | - | - | 390.45 |
| Attleboro | - | 253.36 | 214.83 | 350.36 | - |
| Auburn | - | 226.33 | 276.55 | 311.68 | - |
| Avon | - | 173.43 | 180.85 | 402.85 | - |
| Ayer | 216.03 | - | - | - | 257.56 |
| Barnstable | - | 248.86 | 395.02 | 530.89 | - |
| Barre | 296.42 | - | - | - | 384.67 |
| Becket | 376.15 | - | - | - | - |
| Bedford | - | 285.19 | 336.93 | 681.51 | - |
| Belchertown | 221.35 | - | - | - | 349.18 |
| Bellingham | 231.24 | - | - | - | 339.85 |
| Belmont | - | 303.52 | 339.33 | 403.80 | - |
| Berkley | 225.53 | - | - | - | - |
| Berlin | 278.72 | - | - | - | - |
| Bernardston | - | 218.34 | - | - | - |
| Beverly | - | 246.65 | 349.74 | 340.22 | - |
| Billerica | 224.67 | - | - | - | 366.46 |
| Blackstone | 183.03 | - | - | - | 377.63 |
| Blandford | 290.35 | - | - | - | - |
| Bolton | 292.16 | - | - | - | - |
| Boston | - | 290.95 | 307.08 | 394.10 | - |
| Bourne | 299.85 | - | - | - | 443.86 |
| Boxborough | - | 294.90 | - | - | - |
| Boxford | 240.10 | - | - | - | - |

[illegible]

-2-

| | 65. | 79. | 92. | 105. | 119. |
|------------------|----------|----------|----------|----------|--------|
| Boylston | \$272.66 | - | - | - | - |
| Braintree | - | \$259.02 | \$271.66 | \$426.01 | - |
| Brewster | 486.26 | - | - | - | - |
| Bridgewater | - | 194.20 | 257.93 | 444.57 | - |
| Brimfield | - | 236.58 | - | - | - |
| Brockton | - | 209.31 | 251.27 | 308.66 | - |
| Brookfield | - | 199.48 | - | - | - |
| Brookline | 418.84 | - | - | - | 499.89 |
| Buckland | 235.30 | - | - | - | - |
| Burlington | - | 175.76 | 208.53 | 565.65 | - |
| Cambridge | 313.99 | - | - | - | 566.99 |
| Canton | 266.52 | - | - | - | 359.66 |
| Carlisle | 301.88 | - | - | - | - |
| Carver | 276.40 | - | - | - | - |
| Charlemont | - | - | - | - | 477.28 |
| Charlton | - | 261.85 | 275.67 | 414.48 | - |
| Chatham | - | 240.31 | 509.21 | 481.26 | - |
| Chelmsford | 220.26 | - | - | - | 297.04 |
| Chelsea | - | 237.95 | 336.06 | 396.02 | - |
| Cheshire | 192.94 | - | - | - | - |
| Chester | 239.95 | - | - | - | 446.04 |
| Chesterfield | 299.77 | - | - | - | - |
| Chicopee | 247.79 | - | - | - | 300.36 |
| Chilmark | 580.93 | - | - | - | - |
| Clarksburg | 230.74 | - | - | - | - |
| Clinton | 282.22 | - | - | - | 278.40 |
| Cohasset | - | 281.48 | 412.12 | 509.44 | - |
| Colrain | 248.69 | - | - | - | - |
| Concord | 354.34 | - | - | - | 461.99 |
| Conway | - | 261.18 | - | - | - |
| Cummington | - | 269.38 | 403.95 | - | - |
| Dalton | - | 228.25 | 297.83 | 388.07 | - |
| Denvers | 272.83 | - | - | - | 324.92 |
| Dartmouth | 268.54 | - | - | - | 360.15 |
| Dedham | 266.58 | - | - | - | 347.63 |
| Deerfield | - | 244.73 | - | - | - |
| Dennis | 343.28 | - | - | - | - |
| Dighton | 249.82 | - | - | - | 418.27 |
| Douglas | 199.49 | - | - | - | 392.69 |
| Dover | 349.57 | - | - | - | - |
| Dracut | - | 234.06 | 369.04 | 373.08 | - |
| Dudley | - | 179.22 | 317.40 | - | - |
| Dunstable | - | 256.73 | - | - | - |
| Duxbury | - | 293.07 | 354.64 | 735.40 | - |
| East Bridgewater | 193.39 | - | - | - | 452.70 |
| East Brookfield | 200.06 | - | - | - | - |
| Eastham | - | 504.46 | - | - | - |
| Easthampton | 232.59 | - | - | - | 349.34 |
| East Longmeadow | - | 209.78 | 296.99 | - | - |

-3-

| | 65. | 79. | 92. | 105. | 119. |
|------------------|----------|----------|----------|----------|----------|
| Easton | \$231.81 | - | - | - | \$345.63 |
| Edgartown | 236.66 | - | - | - | 467.92 |
| Egremont / | - | - | - | - | - |
| Erving | - | \$288.75 | - | - | - |
| Essex | 217.86 | - | - | - | - |
| Everett | - | 291.85 | \$320.52 | \$418.68 | - |
| Fairhaven | 214.70 | - | - | - | \$267.54 |
| Fall River | - | 247.19 | 297.82 | 253.60 | - |
| Falmouth | - | 232.61 | 286.79 | 283.75 | - |
| Fitchburg | 280.74 | - | - | - | 432.01 |
| Florida | 319.69 | - | - | - | - |
| Foxborough | - | 245.20 | 272.67 | 446.67 | - |
| Framingham | 266.93 | - | - | - | 366.13 |
| Franklin | 263.48 | - | - | - | 360.85 |
| Freetown | 247.95 | - | - | - | - |
| Gardner | 270.26 | - | - | - | 265.78 |
| Gay Head | - | 990.35 | - | - | - |
| Georgetown | 224.03 | - | - | - | 376.66 |
| Gill | 226.11 | - | - | - | - |
| Gloucester | 261.74 | - | - | - | 326.46 |
| Goshen | 319.59 | - | - | - | - |
| Gosnold | 967.50 | - | - | - | - |
| Grafton | 200.82 | - | - | - | 478.21 |
| Granby | 226.93 | - | - | - | - |
| Granville | 306.54 | - | - | - | - |
| Great Barrington | 238.23 | - | - | - | 431.22 |
| Greenfield | - | 205.76 | 296.72 | 381.26 | - |
| Groton | - | 291.84 | 348.30 | 572.76 | - |
| Groveland | 229.17 | - | - | - | - |
| Hadley | 221.14 | - | - | - | 311.43 |
| Halifax | - | 252.40 | - | - | - |
| Hamilton | - | 199.10 | 306.78 | 581.91 | - |
| Hampden | - | 328.03 | 420.72 | - | - |
| Hancock | 383.44 | - | - | - | - |
| Hanover | - | 229.72 | 306.32 | 370.43 | - |
| Hanson | 232.85 | - | - | - | - |
| Hardwick | 303.67 | - | - | - | 331.70 |
| Harvard | 290.25 | - | - | - | 526.80 |
| Harwich | - | 273.90 | 326.38 | 874.87 | - |
| Hatfield | 272.98 | - | - | - | 390.30 |
| Haverhill | 255.14 | - | - | - | 324.58 |
| Hawley | - | - | - | - | - |
| Heath | 392.18 | - | - | - | - |
| Hingham | 294.89 | - | - | - | 466.47 |
| Hinsdale | 235.90 | - | - | - | - |
| Holbrook | 187.23 | - | - | - | 386.34 |
| Holden | - | 279.94 | 313.28 | - | - |
| Holland | - | 262.69 | - | - | - |
| Holliston | 225.06 | - | - | - | 542.59 |
| Holyoke | - | 249.15 | 371.15 | 421.18 | - |

-4-

| | 65. | 79. | 92. | 105. | 119. |
|---------------|----------|----------|----------|----------|----------|
| Hopedale | \$253.07 | - | - | - | \$460.32 |
| Hopkinton | - | \$190.78 | \$315.11 | \$373.76 | - |
| Hubbardston | 309.39 | - | - | - | - |
| Hudson | 222.70 | - | - | - | 238.11 |
| Hull | - | 269.83 | 397.01 | 666.81 | - |
| Huntington | - | 216.36 | 257.22 | 407.30 | - |
| Ipswich | 260.96 | - | - | - | 438.86 |
| Kingston | - | 271.75 | - | - | - |
| Lakeville | 254.57 | - | - | - | - |
| Lancaster | 218.52 | - | - | - | 413.87 |
| Lanesborough | 257.58 | - | - | - | - |
| Lawrence | 257.87 | - | - | - | 290.27 |
| Lee | 198.22 | - | - | - | 411.77 |
| Leicester | 302.60 | - | - | - | 381.21 |
| Lenox | 211.25 | - | - | - | 572.21 |
| Leominster | - | 299.18 | 304.56 | 316.69 | - |
| Leverett | - | 240.41 | - | - | - |
| Lexington | 266.66 | - | - | - | 368.06 |
| Leyden | 268.87 | - | - | - | - |
| Lincoln | 342.15 | - | - | - | - |
| Littleton | 303.92 | - | - | - | 490.40 |
| Longmeadow | 291.94 | - | - | - | 475.13 |
| Lowell | - | 257.05 | 357.00 | 330.50 | - |
| Ludlow | - | 218.59 | 302.47 | 448.80 | - |
| Lunenburg | 280.40 | - | - | - | 414.25 |
| Lynn | - | 262.28 | 384.11 | 389.99 | - |
| Lynnfield | - | 262.43 | 400.90 | 915.87 | - |
| Malden | - | 253.40 | 345.53 | 397.97 | - |
| Manchester | 311.21 | - | - | - | 442.04 |
| Mansfield | - | 272.33 | 262.08 | 403.12 | - |
| Marblehead | 249.92 | - | - | - | 373.94 |
| Marion | - | 298.11 | 303.36 | - | - |
| Marlborough | 192.83 | - | - | - | 343.03 |
| Marshfield | - | 298.39 | 212.27 | 627.00 | - |
| Mashpee | 419.46 | - | - | - | - |
| Mattapoisett | - | 230.69 | 254.29 | - | - |
| Maynard | 216.17 | - | - | - | 292.94 |
| Medfield | - | 203.40 | 332.16 | 448.28 | - |
| Medford | - | 233.83 | 346.29 | 433.28 | - |
| Medway | 176.95 | - | - | - | 326.10 |
| Melrose | 277.39 | - | - | - | 354.76 |
| Mendon | 173.05 | - | - | - | 259.20 |
| Merrimac | 191.90 | - | - | - | 249.66 |
| Methuen | 245.10 | - | - | - | 262.96 |
| Middleborough | 232.36 | - | - | - | 323.12 |
| Middlefield | 459.39 | - | - | - | - |
| Middleton | 259.21 | - | - | - | - |
| Milford | 189.09 | - | - | - | 381.00 |

| | 65. | 79. | 92. | 105. | 119. |
|--------------------|----------|----------|----------|----------|----------|
| Millbury | \$212.08 | - | - | - | \$365.64 |
| Millis | - | \$182.28 | \$325.97 | \$425.10 | - |
| Millville | 157.07 | - | - | - | - |
| Milton | - | 239.21 | 322.75 | 393.53 | - |
| Monroe | 398.78 | - | - | - | - |
| Monson | 219.35 | - | - | - | 332.79 |
| Montague | 229.20 | - | - | - | 360.33 |
| Monterey / | - | - | - | - | - |
| Montgomery | - | - | - | - | - |
| Mount Washington | - | - | - | - | - |
| Nahant | - | 207.41 | 298.32 | - | - |
| Nantucket | 288.48 | - | - | - | 616.61 |
| Natick | 247.22 | - | - | - | 435.74 |
| Needham | - | 289.34 | 348.81 | 431.08 | - |
| New Ashford | - | 292.63 | - | - | - |
| New Bedford | - | 261.68 | 249.39 | 273.88 | - |
| New Braintree | - | 300.36 | - | - | - |
| Newbury | 288.50 | - | - | - | - |
| Newburyport | 263.68 | - | - | - | 282.06 |
| New Marlborough / | - | - | - | - | - |
| New Salem | 246.63 | - | - | - | 290.11 |
| Newton | - | 305.67 | 448.31 | 467.40 | - |
| Norfolk | - | 195.13 | - | - | - |
| North Adams | 290.29 | - | - | - | 332.35 |
| Northampton | 272.53 | - | - | - | 436.86 |
| North Andover | 229.83 | - | - | - | 316.70 |
| North Attleborough | 254.38 | - | - | - | 294.34 |
| Northborough | 222.99 | - | - | - | 425.54 |
| Northbridge | - | 243.70 | 327.58 | 334.14 | - |
| North Brookfield | - | 256.83 | 249.81 | 279.03 | - |
| Northfield | - | 244.55 | - | - | - |
| North Reading | - | 209.78 | 244.12 | 603.03 | - |
| Norton | - | 198.65 | 252.09 | 486.22 | - |
| Norwell | - | 306.57 | 329.51 | 454.24 | - |
| Norwood | - | 222.07 | 312.57 | 409.22 | - |
| Oak Bluffs | 223.83 | - | - | - | 505.27 |
| Oakham | 271.57 | - | - | - | - |
| Orange | - | 226.88 | - | - | - |
| Orleans | - | 296.17 | 288.21 | 539.26 | - |
| Otis | 373.35 | - | - | - | - |
| Oxford | 228.40 | - | - | - | 365.87 |
| Palmer | 218.39 | - | - | - | 287.79 |
| Paxton | 299.57 | - | - | - | - |
| Peabody | 250.59 | - | - | - | 352.00 |
| Pelham | - | 275.56 | - | - | - |
| Pembroke | - | 255.14 | - | - | - |
| Pepperell | 219.75 | - | - | - | 304.58 |
| Peru | - | 503.44 | - | - | - |
| Petersham | - | 436.27 | - | - | - |

| | 65. | 79. | 92. | 105. | 119. |
|--------------|----------|----------|----------|----------|--------|
| Phillipston | - | \$284.60 | - | - | - |
| Pittsfield | - | 250.15 | \$366.10 | \$413.49 | - |
| Plainfield | - | 373.35 | - | - | - |
| Plainville | - | 241.26 | - | - | - |
| Plymouth | - | 286.50 | 336.85 | 402.21 | - |
| Plympton | - | 316.31 | - | - | - |
| Princeton | 313.12 | - | - | - | - |
| Provincetown | - | 247.73 | 344.55 | 466.71 | - |
| Quincy | - | 284.56 | 383.35 | 382.26 | - |
| Randolph | - | 204.61 | 298.68 | 337.62 | - |
| Raynham | 226.86 | - | - | - | - |
| Reading | 274.83 | - | - | - | 372.80 |
| Rehoboth | - | 202.79 | 237.95 | - | - |
| Revere | - | 303.10 | 351.83 | 322.48 | - |
| Richmond | 209.28 | - | - | - | - |
| Rochester | 251.54 | - | - | - | - |
| Rockland | - | 203.14 | 205.83 | 333.81 | - |
| Rockport | - | 224.31 | 229.00 | 464.09 | - |
| Rowe | 1,225.59 | - | - | - | - |
| Rowley | 244.00 | - | - | - | - |
| Royalston | 303.91 | - | - | - | - |
| Russell | 211.82 | - | - | - | - |
| Rutland | 266.99 | - | - | - | - |
| Salem | 326.96 | - | - | - | 402.83 |
| Salisbury | 286.80 | - | - | - | - |
| Sandisfield | 326.85 | - | - | - | - |
| Sandwich | 268.18 | - | - | - | 450.12 |
| Saugus | 220.45 | - | - | - | 342.37 |
| Savoy | 338.13 | - | - | - | - |
| Scituate | - | 254.74 | 304.18 | 446.60 | - |
| Seekonk | - | 249.25 | 274.86 | - | - |
| Sharon | 250.50 | - | - | - | 399.36 |
| Sheffield / | - | - | - | - | - |
| Shelburne | 288.68 | - | - | - | 384.53 |
| Sherborn | 415.88 | - | - | - | - |
| Shirley | 184.91 | - | - | - | - |
| Shrewsbury | 214.46 | - | - | - | 418.06 |
| Shutesbury | - | 433.20 | - | - | - |
| Somerset | - | 232.20 | 250.54 | 367.45 | - |
| Somerville | - | 258.63 | 393.24 | 438.67 | - |
| Southampton | 284.78 | - | - | - | - |
| Southborough | 262.55 | - | - | - | 509.22 |
| Southbridge | 242.35 | - | - | - | 360.16 |
| South Hadley | 217.24 | - | - | - | 291.32 |
| Southwick | 242.07 | - | - | - | - |
| Spencer | 212.55 | - | - | - | 297.61 |
| Springfield | - | 255.24 | 413.74 | 473.12 | - |
| Sterling | 262.38 | - | - | - | - |
| Stockbridge | 240.49 | - | - | - | 530.91 |



-7-

| | 65. | 79. | 92. | 105. | 119. |
|------------------|----------|----------|----------|----------|----------|
| Stoneham | - | \$219.14 | \$298.75 | \$372.57 | - |
| Stoughton | - | 215.21 | 262.06 | 388.01 | - |
| Stow | \$253.16 | - | - | - | \$566.92 |
| Sturbridge | - | 244.16 | - | - | - |
| Sudbury | 305.79 | - | - | - | - |
| Sunderland | - | 199.81 | - | - | - |
| Sutton | - | 236.78 | 275.39 | 430.74 | - |
| Swampscott | 287.49 | - | - | - | 463.84 |
| Swansea | - | 282.03 | 260.07 | 376.28 | - |
| Taunton | 281.51 | - | - | - | 284.65 |
| Templeton | - | 244.36 | - | - | - |
| Tewksbury | 196.96 | - | - | - | 340.42 |
| Tisbury | 266.42 | - | - | - | 517.92 |
| Tolland | 599.25 | - | - | - | - |
| Topsfield | - | 208.77 | 398.66 | 520.00 | - |
| Townsend | - | 241.29 | 325.88 | 443.89 | - |
| Truro | - | 416.17 | - | - | - |
| Tyngsborough | 223.23 | - | - | - | - |
| Tyringham | 331.09 | - | - | - | - |
| Upton | - | 228.29 | - | - | - |
| Uxbridge | - | 232.73 | 266.85 | 412.13 | - |
| Wakefield | - | 221.59 | 232.08 | 361.38 | - |
| Wales | - | 222.89 | - | - | - |
| Walpole | - | 303.02 | 395.26 | 489.06 | - |
| Waltham | - | 252.23 | 334.42 | 470.64 | - |
| Ware | 212.01 | - | - | - | 330.21 |
| Wareham | 225.25 | - | - | - | 371.95 |
| Warren | 229.54 | - | - | - | 381.29 |
| Warwick | - | 344.91 | - | - | - |
| Washington | 409.96 | - | - | - | - |
| Watertown | - | 258.34 | 365.03 | 465.60 | - |
| Wayland | 337.62 | - | - | - | 473.72 |
| Webster | - | 189.87 | 236.16 | 274.40 | - |
| Wellesley | - | 339.47 | 403.10 | 497.05 | - |
| Wellfleet | - | 272.69 | 311.36 | 651.81 | - |
| Wendell | - | 497.81 | - | - | - |
| Wenham | - | 322.93 | 415.70 | - | - |
| Westborough | 183.92 | - | - | - | 420.82 |
| West Boylston | - | 277.11 | 419.98 | 639.20 | - |
| West Bridgewater | - | 220.36 | 392.20 | 380.99 | - |
| West Brookfield | 226.59 | - | - | - | - |
| Westfield | 275.27 | - | - | - | 314.62 |
| Westford | - | 246.81 | 293.78 | 413.38 | - |
| Westhampton | - | 353.09 | - | - | - |
| Westminster | - | 241.05 | 331.83 | - | - |
| West Newbury | 236.73 | - | - | - | - |
| Weston | - | 313.29 | 411.41 | 574.50 | - |

-8-

| | 65. | 79. | 92. | 105. | 119. |
|------------------|----------|----------|----------|----------|----------|
| Westport | \$324.52 | - | - | - | \$360.59 |
| West Springfield | 291.56 | - | - | - | 422.94 |
| West Stockbridge | 251.83 | - | - | - | - |
| West Tisbury | - | \$339.01 | - | - | - |
| Westwood | - | 349.85 | \$338.21 | \$506.04 | - |
| Weymouth | - | 238.86 | 303.75 | 382.36 | - |
| Whately | - | 284.56 | - | - | - |
| Whitman | 235.74 | - | - | - | 270.64 |
| Wilbraham | - | 291.24 | 381.33 | - | - |
| Williamsburg | 281.71 | - | - | - | 416.72 |
| Williamstown | 306.94 | - | - | - | 504.55 |
| Wilmington | - | 214.40 | 283.08 | 467.82 | - |
| Winchendon | - | 200.63 | 285.13 | 369.97 | - |
| Winchester | 288.41 | - | - | - | 416.03 |
| Windsor | 366.91 | - | - | - | - |
| Winthrop | - | 268.73 | 368.69 | 411.37 | - |
| Woburn | - | 209.81 | 284.86 | 337.48 | - |
| Worcester | - | 269.11 | 364.62 | 338.10 | - |
| Worthington | 357.76 | - | - | - | - |
| Wrentham | - | 333.26 | - | - | - |
| Yarmouth | 277.06 | - | - | - | - |

REGIONS

| | | | | | |
|--------------------|----------|---|--------------------------|--------------------------|--------------------------|
| Acton-Boxborough | - | - | \$439.90 | \$463.40 | - |
| Amherst-Pelham | - | - | 202.50 371.90 | 254.58 558.89 | - |
| Dennis-Yarmouth | - | - | - | - | \$441.46 |
| Frontier | - | - | - | 340.06 | - |
| Hawlemont | \$368.09 | - | - | - | - |
| King Philip | - | - | - | 491.11 | - |
| Lincoln-Sudbury | - | - | - | - | 810.70 745.63 |
| Ralph C. Mahar | - | - | 240.88 | 544.41 | - |
| Narragansett | - | - | 288.28 | 309.08 | - |
| Pioneer Valley | - | - | 352.18 | 385.68 | - |
| Silver Lake | - | - | 346.19 | 346.21 | - |
| Southern Berkshire | \$355.20 | - | - | - | 622.39 |
| Tantasqua | - | - | - | 459.54 | - |
| Wachusett | - | - | - | - | 403.39 |

-9-

| | 65. | 79. | 92. | 105. | 119. |
|---|-----------------|-----------------|-----------------|-----------------|-----------------|
| 1. Group I. Cities | \$272.86 | \$268.53 | \$342.23 | \$384.51 | \$360.66 |
| 2. Group II. Towns
of 5,000 Popu-
lation or over <u>1/</u> | 255.75 | 249.46 | 313.02 | 426.22 | 374.83 |
| 3. Group III. Towns
less than 5,000
population main-
taining high
schools <u>1/</u> | 259.83 | 248.71 | 327.35 | 471.74 | 446.50 |
| 4. Group IV. Towns
less than 5,000
population and
not maintaining
high schools | 260.54 | 251.12 | 307.59 | - | - |
| 5. State Per Capitas <u>1/</u> | <u>\$262.84</u> | <u>\$261.66</u> | <u>\$331.86</u> | <u>\$402.18</u> | <u>\$377.60</u> |

1/ Including Regions

Division of Research and Statistics

JOHN W. McDEVITT, Chairman of the Board

JOHN B. KIERNAN
RAYMOND A. FITZGERALD

Commissioner of Education
Deputy Commissioner of Education
JOHN P. McMORROW, Director

SCHOOL COSTS

Per Pupil Expenditure (in Average Membership) for School Support in Public Schools of Massachusetts (Including Regional School Districts) for School Year 1957-58 -- By Major Divisions of the School Budget

| | STATE | | GROUP I | | GROUP II | | GROUP III | | GROUP IV | |
|--|----------------|----------|----------------|----------|----------------|----------|----------------|----------|----------------|----------|
| | Cost per pupil | Per cent | Cost per pupil | Per cent | Cost per pupil | Per cent | Cost per pupil | Per cent | Cost per pupil | Per cent |
| General Control | \$ 9.11 | 2.9 | \$ 8.39 | 2.7 | \$ 8.69 | 2.9 | \$ 13.06 | 4.1 | \$ 15.10 | 4.0 |
| Salaries | 211.54 | 68.3 | 220.73 | 70.8 | 205.31 | 68.8 | 199.23 | 62.5 | 168.61 | 45.1 |
| Textbooks | 4.30 | 1.4 | 3.54 | 1.1 | 4.96 | 1.7 | 6.02 | 1.9 | 4.65 | 1.2 |
| Other Expenses (Supplies) | 10.76 | 3.5 | 10.39 | 3.3 | 11.36 | 3.8 | 11.63 | 3.7 | 7.96 | 2.1 |
| Janitor Service, Fuel and Miscellaneous Expenses | 35.73 | 11.5 | 37.03 | 11.9 | 34.02 | 11.4 | 36.13 | 11.3 | 33.48 | 9.0 |
| Repairs, Replacement, and Upkeep | 12.23 | 3.9 | 14.42 | 4.6 | 10.21 | 3.4 | 8.74 | 2.8 | 9.06 | 2.4 |
| Libraries | 0.50 | 0.2 | 0.19 | 0.1 | 0.90 | 0.3 | 0.71 | 0.2 | 0.34 | 0.1 |
| Health | 4.48 | 1.4 | 5.20 | 1.7 | 3.71 | 1.2 | 3.59 | 1.1 | 3.92 | 1.1 |
| Transportation | 10.79 | 3.5 | 2.73 | 1.2 | 12.87 | 4.3 | 30.38 | 9.5 | 49.36 | 13.2 |
| Tuition | 3.09 | 1.0 | 0.22 | 0.1 | 0.65 | 0.2 | 0.76 | 0.2 | 77.74 | 20.8 |
| Physical Education | 2.35 | 0.8 | 2.49 | 0.8 | 2.39 | 0.8 | 2.11 | 0.7 | 0.40 | 0.1 |
| School Lunch | 1.19 | 0.4 | 1.07 | 0.3 | 1.25 | 0.4 | 1.69 | 0.5 | 1.21 | 0.3 |
| Miscellaneous | 3.57 | 1.2 | 4.44 | 1.4 | 2.24 | 0.8 | 4.69 | 1.5 | 2.21 | 0.6 |
| TOTALS | \$309.64 | 100.0 | \$311.84 | 100.0 | \$298.59 | 100.0 | \$318.77 | 100.0 | \$374.09 | 100.0 |

CTT/M/B Group I - Cities
Group II - Towns over 5,000 maintaining high schools.
Group III - Towns under 5,000 maintaining high schools.
Group IV - Towns under 5,000 not maintaining high school.
January, 1959 - 700

THE COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF EDUCATION

Division of Research and Statistics

JOHN W. McDEVITT, Chairman of the Board
Commissioner of Education
Deputy Commissioner of Education
JOHN P. McMORROW, DIRECTOR

OWEN B. KIERNAN
RAYMOND A. FITZGERALD

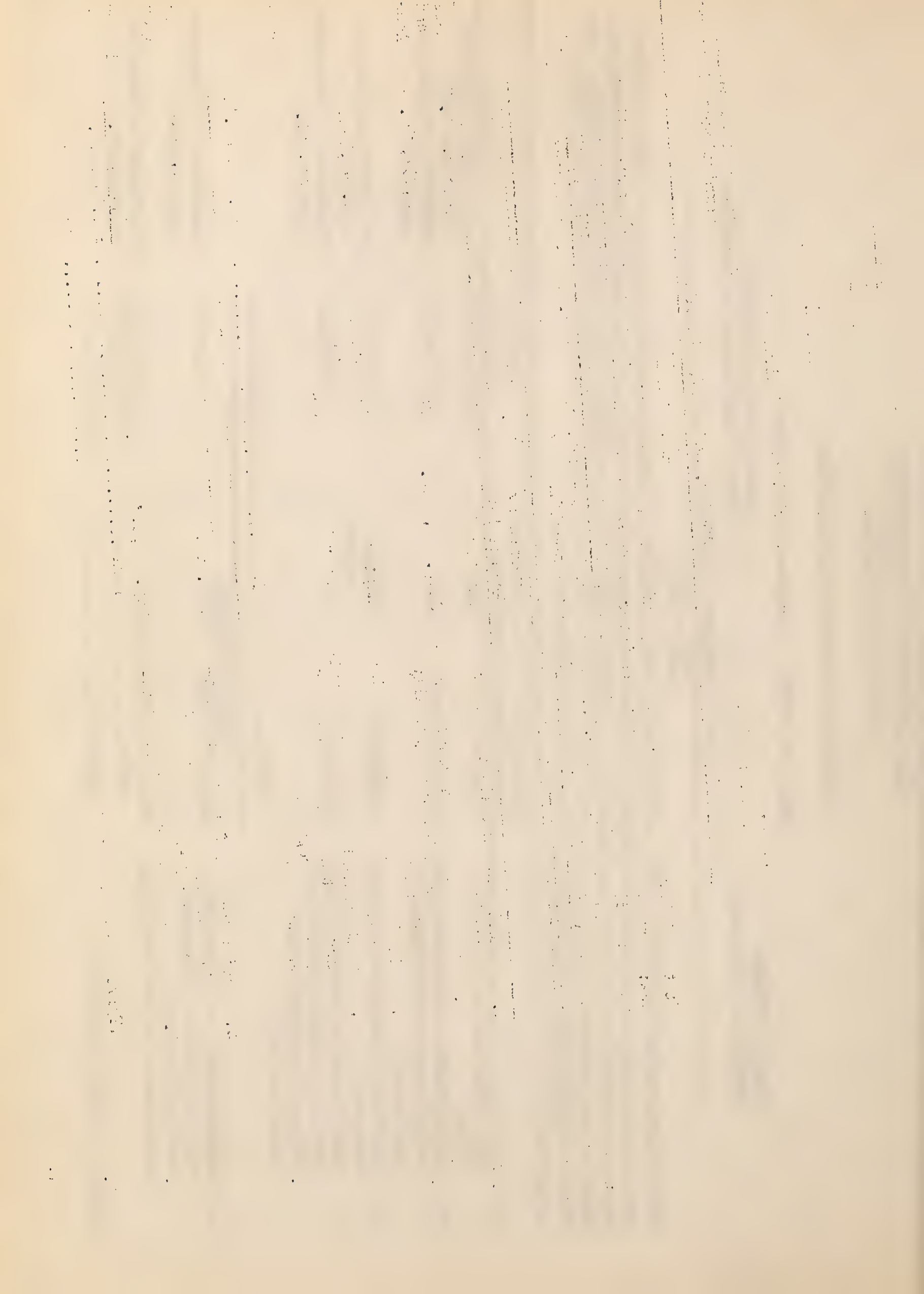
1957 - 1958

State Reimbursement to CITIES, TOWNS, and REGIONAL SCHOOL DISTRICTS of certain sums collected by the State as income tax; a sum inuring to the State as interest from the Massachusetts School Fund; and sums accruing from other sources, which are distributed to cities and towns, USING CERTAIN FACTORS OF THE INDIVIDUAL CITY AND TOWN SCHOOL SYSTEMS, (pursuant to the provision of G.L., c. 69, sec. 7B, 26 - 29B, c. 70, sec. 1-10, inclusive, and c. 71, sec. 7A, 16C, 59A, and 65) AS YARDSTICKS OF MEASUREMENT in the specific determinations.

| Governed by | | No. of towns | | Amount | | Source |
|---|-----------|--------------------|----------------------|-----------------|--|---------------------------------------|
| General Laws | Receiving | Chapter 70 | 351 | Received | | |
| 1. School Fund and Aid to Public Schools | | | | \$30,376,076.70 | | Mass. School Fund and Income Tax |
| 1A. Reimbursement on account of Mentally Retarded and Physically Handicapped | | Chap. 69, etc. | 240 | 2,257,820.12 | | Appropriation from Income Tax |
| 2. All School Transportation Reimbursement | | Chapter 71 | 295 (plus 9 regions) | 5,197,182.77 | | Appropriation from Income Tax |
| 3. Reimbursement on account of salary and traveling expenses of union and regional school superintendents | | Chapter 71 | 174 | 196,061.55 | | Department of Education Appropriation |
| TOTAL..... | | | | \$38,027,141.14 | | |
| | | No. of Children | | | | |
| 4. Reimbursement for Higher Education of children of deceased World War Veterans | | Chap. 69, s. 7B | 155 | 94,000.00 | | Department of Education Appropriation |
| 5. Reimbursement of Deaf and Blind | | Chap. 69, s. 26-29 | 1,348 | 1,459,249.55 | | Department of Education Appropriation |
| TOTAL..... | | | | \$1,553,249.55 | | |
| GRAND TOTAL..... | | | | \$39,580,390.69 | | |

CTT/L/1 -- Jan., 1959(200)

CTT/L/1 -- Jan., 1959(200)



THE COMMONWEALTH OF MASSACHUSETTS
DEPARTMENT OF EDUCATION

Division of Research and Statistics

SCHOOL FUND
General Laws, Chapter 70

Breakdown of State Aid according to the several classifications as of May 15, and October 15, 1958. (Based on June 30, 1957 claims.)

TOWNS RECEIVING REIMBURSEMENT UNDER FIRST FOUNDATION

| <u>City or Town</u> | <u>Amount</u> | <u>City or Town</u> | <u>Amount</u> |
|---------------------|---------------|---------------------|---------------|
| Abington | \$ 89,782.60 | Cambridge | \$248,372.39 |
| Acushnet | 47,376.46 | Canton | 88,580.96 |
| Adams | 81,663.85 | Carlisle | 8,935.53 |
| Agawam | 133,667.65 | Carver | 10,725.79 |
| Amesbury | 81,698.05 | Chelmsford | 116,509.76 |
| Andover | 101,647.14 | Chelsea | 195,750.18 |
| Arlington | 239,341.67 | Cheshire | 18,559.94 |
| Ashburnham | 24,339.60 | Chicopee | 383,104.83 |
| Ashland | 59,709.83 | Clarksburg | 13,974.74 |
| Attleboro | 143,929.60 | Clinton | 80,323.07 |
| Auburn | 122,664.21 | Colrain | 10,922.25 |
| Avon | 30,694.99 | Concord | 75,199.18 |
| Barnstable | 43,388.06 | Dalton | 36,698.05 |
| Becket | 6,463.77 | Danvers | 128,238.97 |
| Bedford | 60,164.59 | Dartmouth | 101,344.19 |
| Bellingham | 58,188.78 | Dedham | 150,583.73 |
| Belmont | 86,785.32 | Dracut | 117,170.27 |
| Berkley | 14,426.01 | Dudley | 49,728.90 |
| Berlin | 13,897.94 | Dunstable | 8,879.12 |
| Beverly | 205,121.83 | East Bridgewater | 49,528.56 |
| Billerica | 156,646.70 | East Brookfield | 11,869.30 |
| Blackstone | 48,815.70 | Eastham | 6,851.41 |
| Blandford | 6,054.34 | Easthampton | 80,537.97 |
| Bolton | 9,386.32 | East Longmeadow | 78,276.35 |
| Boston | 2,039,568.27 | Easton | 68,231.01 |
| Boxford | 10,998.34 | Essex | 16,822.46 |
| Boylston | 18,668.58 | Everett | 149,163.76 |
| Braintree | 242,809.80 | Fairhaven | 106,184.98 |
| Bridgewater | 63,555.80 | Fall River | 672,259.92 |
| Brockton | 391,330.05 | Falmouth | 44,914.94 |
| Buckland | 6,529.02 | | |
| Burlington | 80,675.30 | | |

THE UNIVERSITY OF CHICAGO
LIBRARY

1911

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1911

Reimbursement under First Foundation
(con.)

-2-

| <u>City or Town</u> | <u>Amount</u> | <u>City or Town</u> | <u>Amount</u> |
|---------------------|---------------|---------------------|---------------|
| Fitchburg | \$243,054.68 | Milford | \$ 96,898.40 |
| Foxborough | 59,670.76 | Millbury | 79,288.62 |
| Framingham | 206,388.08 | Millville | 13,731.34 |
| Franklin | 59,658.10 | Milton | 125,822.69 |
| Freetown | 32,175.44 | Monson | 41,067.99 |
| | | Montague | 46,625.44 |
| Gardner | 91,129.78 | Montgomery | 1,516.19 |
| Gloucester | 143,349.19 | | |
| Grafton | 72,060.27 | Nahant | 15,526.45 |
| Granby | 31,902.28 | Natick | 236,816.36 |
| Great Barrington | 34,539.30 | Needham | 156,085.70 |
| Greenfield | 101,279.58 | New Bedford | 581,306.87 |
| | | Newbury | 18,239.65 |
| Hampden | 16,522.81 | Newburyport | 97,070.21 |
| Hanson | 41,678.80 | Newton | 372,956.10 |
| Haverhill | 262,644.44 | North Adams | 148,045.99 |
| Hingham | 108,946.72 | Northampton | 140,663.11 |
| Hinsdale | 17,397.88 | North Andover | 74,214.93 |
| Holbrook | 75,657.54 | North Attleborough | 109,709.12 |
| Holyoke | 204,534.87 | Northbridge | 75,281.11 |
| Hudson | 65,010.82 | North Brookfield | 29,085.92 |
| Hull | 17,993.82 | North Reading | 72,618.78 |
| | | Norton | 58,253.69 |
| Ipswich | 58,687.53 | Norwood | 128,614.28 |
| | | | |
| Lancaster | 31,560.30 | Oxford | 81,616.97 |
| Lanesborough | 26,637.48 | | |
| Lawrence | 369,044.19 | Palmer | 76,202.20 |
| Lee | 39,280.53 | Peabody | 172,110.42 |
| Leicester | 77,651.21 | Pittsfield | 346,537.48 |
| Leominster | 200,161.88 | Plainfield | 2,081.19 |
| Lexington | 179,116.18 | Plymouth | 67,512.39 |
| Longmeadow | 43,426.99 | | |
| Lowell | 622,697.22 | Quincy | 413,471.50 |
| Ludlow | 98,931.44 | | |
| Lunenburg | 59,358.68 | Randolph | 156,573.65 |
| Lynn | 438,150.87 | Raynham | 32,747.55 |
| Lynnfield | 66,552.74 | Reading | 139,266.71 |
| | | Rehoboth | 44,665.87 |
| Malden | 301,642.01 | Revere | 259,979.36 |
| Mansfield | 58,038.16 | Richmond | 5,920.86 |
| Marblehead | 96,714.52 | Rochester | 13,271.72 |
| Marlborough | 113,880.14 | Rockland | 92,969.28 |
| Mattapoisett | 20,154.30 | Rowley | 20,462.46 |
| Maynard | 43,753.15 | | |
| Medfield | 29,540.23 | Salem | 174,248.46 |
| Medford | 349,416.13 | Salisbury | 22,963.32 |
| Melrose | 158,806.43 | Saugus | 161,704.81 |
| Mendon | 15,903.46 | Scituate | 63,184.62 |
| Methuen | 215,134.22 | Seekonk | 68,030.27 |
| Middleborough | 88,851.84 | Sharon | 82,560.98 |
| Middleton | 24,290.93 | Shirley | 26,716.35 |

[illegible]

1890

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THE UNIVERSITY OF CHICAGO

22

THE

WORLD OF THE FUTURE

BY

J. H. M. J. VAN DER WERF

WITH ILLUSTRATIONS BY

H. J. VAN DER WERF

LONDON:

PUBLISHED BY

MESSRS. G. BARNARD & CO., LTD.

10, ABINGDON STREET, LONDON, E.C. 4.

1937

[illegible]

Reimbursement under First Foundation -3-
(con.)

| <u>City or Town</u> | <u>Amount</u> | <u>City or Town</u> | <u>Amount</u> |
|---------------------|---------------|---------------------|---------------|
| Shrewsbury | \$120,951.59 | Wayland | \$ 72,196.71 |
| Somerset | 77,213.68 | Webster | 99,159.32 |
| Somerville | 500,631.14 | Wellesley | 101,102.85 |
| Southampton | 19,576.45 | Wendell | 3,748.98 |
| Southbridge | 121,933.97 | Wenham | 14,132.02 |
| South Hadley | 99,159.94 | Westborough | 52,105.27 |
| Southwick | 49,634.65 | West Brookfield | 16,383.53 |
| Spencer | 63,935.27 | Westfield | 190,524.75 |
| Springfield | 677,964.54 | Weston | 46,270.54 |
| Stoneham | 120,973.96 | Westport | 54,341.42 |
| Stoughton | 139,953.87 | West Springfield | 162,675.40 |
| Swampscott | 60,137.71 | West Stockbridge | 7,547.45 |
| Swansea | 99,165.27 | West Tisbury | 1,079.21 |
| | | Westwood | 72,908.60 |
| Taunton | 246,720.60 | Weymouth | 342,068.87 |
| Tewksbury | 137,710.27 | Whitman | 70,968.69 |
| Truro | 2,847.46 | Wilbraham | 64,831.93 |
| Tyngsborough | 33,342.48 | Williamstown | 38,988.71 |
| Tyringham | 1,395.02 | Wilmington | 117,476.68 |
| | | Winchendon | 53,714.11 |
| Upton | 29,190.87 | Winchester | 90,410.25 |
| Uxbridge | 53,025.13 | Winthrop | 114,741.75 |
| | | Woburn | 200,847.06 |
| Wakefield | 169,387.57 | Worcester | 767,316.21 |
| Walpole | 78,615.12 | | |
| Waltham | 314,133.13 | | |
| Ware | 49,174.39 | | |
| Wareham | 50,010.67 | | |
| Watertown | 149,188.88 | | |

205 Localities = \$25,026,971.90

-4-

TOWNS RECEIVING REIMBURSEMENT
UNDER SECOND FOUNDATION

(Pupil-teacher basis)

| <u>City or Town</u> | <u>Amount</u> | <u>City or Town</u> | <u>Amount</u> |
|---------------------|---------------|---------------------|---------------|
| Ashby | \$ 23,152.85 | Manchester | \$21,979.46 |
| Ashfield | 14,111.89 | Marion | 15,669.28 |
| Ayer | 66,907.74 | Marshfield | 61,395.77 |
| | | Mashpee | 2,616.75 |
| Barre | 42,321.69 | Medway | 35,048.81 |
| Belchertown | 37,962.00 | Millis | 42,500.88 |
| Bourne | 37,603.08 | | |
| Brewster | 4,428.60 | New Salem | 10,683.69 |
| | | Northborough | 61,711.39 |
| Charlton | 43,205.41 | Norwell | 56,192.80 |
| Chatham | 18,428.72 | | |
| Chester | 19,003.44 | Oak Bluffs | 10,064.07 |
| Chilmark | 633.36 | Orleans | 21,519.95 |
| Cohasset | 40,122.92 | | |
| | | Pepperell | 34,004.34 |
| Dighton | 42,323.47 | Provincetown | 26,414.61 |
| Douglas | 23,943.51 | | |
| Dover | 7,043.40 | Rockport | 32,320.34 |
| Duxbury | 46,583.60 | | |
| | | Sandwich | 13,001.56 |
| Edgartown | 10,459.21 | Shelburne | 24,599.61 |
| | | Sherborn | 12,600.88 |
| Florida | 4,452.48 | Southborough | 34,273.47 |
| | | Stockbridge | 18,754.86 |
| Gay Head | 1,092.72 | Stow | 28,918.14 |
| Georgetown | 37,396.30 | Sutton | 40,489.84 |
| Granville | 1,950.70 | | |
| Groton | 33,900.27 | Tisbury | 22,709.63 |
| | | Topsfield | 29,245.31 |
| Hadley | 32,388.18 | Townsend | 46,513.69 |
| Hamilton | 42,446.72 | | |
| Hanover | 45,019.15 | Warren | 27,391.85 |
| Hardwick | 19,896.13 | Wellfleet | 12,191.09 |
| Harvard | 18,817.80 | West Boylston | 51,223.78 |
| Harwich | 31,518.66 | West Bridgewater | 61,299.09 |
| Hatfield | 20,382.50 | Westford | 61,757.71 |
| Hilliston | 42,950.34 | Westminster | 35,353.89 |
| Hopedale | 31,743.51 | Williamsburg | 34,857.03 |
| Hopkinton | 53,505.31 | Worthington | 3,939.61 |
| Huntington | 17,877.98 | | |
| | | | |
| Lakeville | 22,076.45 | | |
| Lenox | 25,250.18 | | |
| Littleton | 43,671.54 | | |

68 Localities = \$1,995,814.99

THE HISTORY OF THE
CITY OF BOSTON
FROM 1630 TO 1800

| Year | Event | Source |
|------|--------------------------------|---------------|
| 1630 | First settlement of Boston | Massachusetts |
| 1634 | First church in Boston | Massachusetts |
| 1636 | First school in Boston | Massachusetts |
| 1640 | First printing press in Boston | Massachusetts |
| 1646 | First fire in Boston | Massachusetts |
| 1656 | First hospital in Boston | Massachusetts |
| 1666 | First bridge in Boston | Massachusetts |
| 1676 | First library in Boston | Massachusetts |
| 1686 | First theatre in Boston | Massachusetts |
| 1696 | First newspaper in Boston | Massachusetts |
| 1706 | First bank in Boston | Massachusetts |
| 1716 | First college in Boston | Massachusetts |
| 1726 | First fire in Boston | Massachusetts |
| 1736 | First hospital in Boston | Massachusetts |
| 1746 | First bridge in Boston | Massachusetts |
| 1756 | First library in Boston | Massachusetts |
| 1766 | First theatre in Boston | Massachusetts |
| 1776 | First newspaper in Boston | Massachusetts |
| 1786 | First bank in Boston | Massachusetts |
| 1796 | First college in Boston | Massachusetts |
| 1800 | First fire in Boston | Massachusetts |

TOWNS RECEIVING REIMBURSEMENT
ON THE 1948 FIGURE

| <u>Town</u> | <u>Amount</u> | <u>Town</u> | <u>Amount</u> |
|----------------------------|---------------|-------------|---------------|
| Brookline | \$58,809.05 | Russell | \$1,540.00 |
| Nantucket | 4,551.50 | | |
| 3 Localities = \$64,900.55 | | | |

1948 PLUS 25%

| | | | |
|------------------|-------------|---------------|----------|
| Chesterfield | \$ 5,777.94 | New Ashford | 2,639.81 |
| Cumington | 5,949.79 | New Braintree | 4,947.06 |
| Gill | 11,591.51 | Oakham | 5,484.73 |
| Goshen | 6,651.13 | Otis | 4,909.39 |
| Gosnold | 250.00 | Peru | 4,282.88 |
| Hancock | 4,239.17 | Rowe | 1,727.45 |
| Heath | 6,821.01 | Sandisfield | 2,911.18 |
| Hubbardston | 11,411.66 | Savoy | 5,245.71 |
| Leyden | 6,424.63 | Tolland | 2,036.19 |
| Middlefield | 5,615.65 | Washington | 5,679.61 |
| Monroe | 437.50 | Westhampton | 6,886.01 |
| Mount Washington | 25.00 | Windsor | 6,431.74 |

24 Localities = \$118,376.75

THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE

| PART I. | PART II. | PART III. | PART IV. |
|----------------------------------|----------------------------------|----------------------------------|----------------------------------|
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Vol. 100. Part I. 1910.

-6-

TOWNS RECEIVING REIMBURSEMENT
PLUS REGIONAL REIMBURSEMENT
 (15%)

First Foundation

| | |
|--------------|-------------|
| Athol | \$91,387.35 |
| Dennis | 21,040.11 |
| Erving | 10,018.04 |
| Groveland | 28,618.57 |
| Norfolk | 24,303.96 |
| Orange | 60,668.56 |
| Plainville | 32,845.71 |
| Templeton | 52,872.22 |
| West Newbury | 24,739.36 |
| Wrentham | 39,143.59 |

Second Foundation

| | |
|-------------|-------------|
| Bernardston | \$17,021.24 |
| Merrimac | 36,144.83 |
| Northfield | 23,600.85 |
| Petersham | 11,856.68 |
| Yarmouth | 46,369.38 |

15 Localities = \$520,630.45

1948 Figure

| | |
|-------------|--------------|
| Phillipston | \$12,004.98* |
| Royalston | 11,415.85* |
| Warwick | 8,997.38* |

* Includes 25% of 1948 figure.

3 Localities = \$32,418.21

18 Localities = \$553,048.66

Department of the Interior
Bureau of Land Management

Administrative

1. Title
2. Date
3. Author
4. Editor
5. Publisher

6. Subject
7. Summary
8. Notes
9. References
10. Index

11. Classification
12. Location
13. Accession
14. Serials
15. Microfilm
16. Microfiche
17. Other
18. Remarks

19. Date
20. Initials
21. Signature
22. Stamp

1. Title
2. Date
3. Author
4. Editor
5. Publisher

6. Subject
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8. Notes
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11. Classification
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5. Publisher

6. Subject
7. Summary
8. Notes
9. References
10. Index

-7-

REGIONAL SCHOOL DISTRICTS (IN OPERATION)
(PLUS 15%)

ACTON-BOXBOROUGH

| <u>Town</u> | <u>Amount</u> | <u>Town</u> | <u>Amount</u> |
|-------------|---------------|--------------|---------------|
| Acton** | \$77,150.89 | Boxborough** | \$10,235.98 |

AMHERST-PELHAM

| | | | |
|------------|-------------|--------------|-------------|
| Amherst* | \$58,907.22 | Pelham / | \$ 9,770.11 |
| Leverett** | 16,160.89 | Shutesbury / | 5,426.61 |

FRONTIER

| | | | |
|-------------|-------------|--------------|-------------|
| Conway / | \$12,079.37 | Sunderland** | \$12,362.47 |
| Deerfield** | 33,199.96 | Whately** | 11,123.49 |

HAWLEMONT

| | | | |
|--------------|-------------|----------|-------------|
| Charlemont** | \$13,207.38 | Hawley / | \$ 5,092.03 |
|--------------|-------------|----------|-------------|

LINCOLN-SUDBURY

| | | | |
|-----------|-------------|-----------|-------------|
| Lincoln** | \$47,417.32 | Sudbury** | \$69,659.30 |
|-----------|-------------|-----------|-------------|

SILVER LAKE

| | | | |
|------------|-------------|------------|-------------|
| Halifax** | \$13,419.40 | Pembroke** | \$51,719.39 |
| Kingston** | 39,116.78 | Plympton** | 13,483.30 |

SOUTHERN BERKSHIRE

| | | | |
|------------|-------------|-------------------|-------------|
| Alford** | \$ 3,245.46 | New Marlborough** | \$15,049.15 |
| Egremont** | 10,349.63 | Sheffield** | 34,175.68 |
| Monterey** | 2,701.35 | | |

KEY:

*Reimbursement received under first foundation.

**Reimbursement received under second foundation.

/Reimbursement received under 1948 figure.

THE UNIVERSITY OF CHICAGO
DEPARTMENT OF CHEMISTRY
JANUARY 1950

RECEIVED

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THE UNIVERSITY OF CHICAGO, CHICAGO, ILLINOIS

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THE UNIVERSITY OF CHICAGO, CHICAGO, ILLINOIS

-8-

Regional School Districts (In operation)
(Con.)

TANTASQUA

| | | | |
|--------------|-------------|--------------|-------------|
| Brimfield** | \$21,292.88 | Sturbridge** | \$43,589.72 |
| Brookfield** | 26,588.40 | Wales** | 10,025.09 |
| Holland** | 9,309.19 | | |

WACHUSETT

| | | | |
|-------------|--------------|------------|-------------|
| Holden* | \$104,406.86 | Rutland** | \$31,653.37 |
| Paxton** | 20,327.17 | Sterling** | 36,822.30 |
| Princeton** | 20,740.65 | | |

33 Localities = \$889,808.79

TOTAL REIMBURSEMENT FOR STATE---\$28,648,921.64

KEY:

*Reimbursement received under first foundation.

**Reimbursement received under second foundation.

(with a view to the...)

ANNOUNCEMENT

| | | | |
|-----|-----|-----|-----|
| ... | ... | ... | ... |
| ... | ... | ... | ... |
| ... | ... | ... | ... |

ANNOUNCEMENT

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| ... | ... | ... | ... |
| ... | ... | ... | ... |

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REGIONAL SCHOOL DISTRICTSPhysical Setup of Regional School Districts
Showing Their Infiltration into Superintendency UnionsRegionsWachusett - (Active) - (4 year high school)

Holden

Paxton

Princeton

Rutland

Sterling

William H. Buker

Nashoba - (Plans being drawn)

Bolton

Lancaster

Stow

Tantasqua - (Active)(6 year junior-senior high school)

Brimfield

Brookfield

Holland

Sturbridge

Wales

Walter E. Scott

Silver Lake - (Active)(6 year junior-senior high school)

Halifax

Kingston

Pembroke

Plympton

Chester T. Ray

Superintendency Unions

#6 Princeton*

Sterling*

Laurence A. Fogg

#24 Holden *

Oakham

Paxton*

Rutland*

William H. Buker

#47 Bolton*

Carlisle

Harvard

Stow*

Edwin J. Harriman

Lancaster(single town)*

George A. McArthur

#5 Brimfield*

Monson

Wales*

Harold M. Ladd

#7 Brookfield*

E. Brookfield

North Brookfield

Philip P. Grover

#23

Charlton

Holland*

Sturbridge*

Joseph R. Burgess

#31 Halifax*

Kingston*

Pembroke*

Plympton*

Chester T. Ray

*In region

May 2, 1958

M T L

RegionsHawlemont - (Active) - (Gr. 1 - 6)

Charlemont

Hawley

Wilson T. Tilley

Nagog - (Withdrawn)

Southern Berkshire - (Active)(Grades 1 - 12)

Alford

Egremont

Monterey

New Marlborough

Sheffield

Willard A. Downie

Dover-Sherborn - (Withdrawn)

Amherst-Pelham - (Active)(6 year junior-senior high school)

Amherst

Leverett

Pelham

Shutesbury

Ralph W. Goodrich

Lincoln-Sudbury - (Active)(4 year high school)

Lincoln

Sudbury

C. Newton Heath

Martha's Vineyard - (Under construction)(4 year high school)

Chilmark

Edgartown

Gay Head

Oak Bluffs

Tisbury

West Tisbury

Chester V. Sweatt

*In region

Superintendency Unions

#21 Charlemont*

Hawley*

Heath

Rowe

Wilson T. Tilley

N O N E

#26 Amherst*

Pelham*

Ralph W. Goodrich

#28 Erving

Leverett*

New Salem

Shutesbury*

Wendell

Henry F. Trainor

Lincoln(single town)*

James F. Gray

Sudbury(single town)*

C. Newton Heath

#19 Chilmark*

Edgartown*

Gay Head*

Oak Bluffs*

Tisbury*

West Tisbury*

Chester V. Sweatt

Regions

Pentucket - (Under construction)
(6 year junior-senior high school)

Groveland

West Newbury

Merrimac

John C. Jakobek

Pioneer Valley - (Active)
(6 year junior-senior high school)

Bernardston

Northfield

Warwick

F. Sumner Turner

Northborough-Southborough
(Under construction)
(4 year high school)

Northborough

Southborough

Roger Poole

Dennis-Yarmouth - (Active)
(4 year high school)

Dennis

Yarmouth

Alfred R. Kenyon

Frontier - (Active)
(6 year junior-senior high school)

Conway

Deerfield

Sunderland

Whately

Daniel W. Alvino

King Philip - (Active)
(6 year junior-senior high school)

Norfolk

Plainville

Wrentham

Frederick J. Delaney

Superintendency Unions

#53 Groveland*

West Newbury*

Merrimac*

John C. Jakobek

#18 Bernardston*

Gill

Leyden

Northfield*

Warwick*

F. Sumner Turner

#3 Berlin

Northborough*

Southborough*

Roger Poole

#11 Brewster

Dennis*

Yarmouth*

Alfred R. Kenyon

#38 Conway*

Deerfield*

Sunderland*

Whately*

Sidney Osborne

#35 Millis

Norfolk*

George C. Roy

Plainville(single town)*

Kenneth L. Sharp

Wrentham(single town)*

Frederick J. Delaney

*In region

1. Introduction

The purpose of this study is to investigate the effects of the proposed system on the performance of the system.

2. Methodology

The study was conducted using a controlled experiment. The participants were divided into two groups: the control group and the experimental group.

3. Results

The results of the experiment show that the proposed system significantly improved the performance of the system.

4. Conclusion

The study concludes that the proposed system is effective in improving the performance of the system.

5. References

[1] Smith, J. D. (2010). The effects of the proposed system on the performance of the system. *Journal of System Management*, 61(1), 1-10.

6. Appendix

The appendix contains the data collected during the experiment. It includes the raw data and the calculated statistics.

7. Summary

The summary provides a brief overview of the study and its findings.

8. Notes

The notes contain additional information related to the study, including the limitations and future research.

9. Index

The index provides a list of the topics covered in the study, along with the page numbers where they can be found.

10. Table of Contents

The table of contents provides a detailed list of the sections and subsections of the study, along with the page numbers.

11. Figure

The figure shows the results of the experiment in a graphical format.

12. Table

-4-

Regions

Acton-Boxborough - (Active)
(6 year junior-senior high school)

Acton

Boxborough

William O'Connell

Narragansett - (Active)
(6 year junior-senior high school)

Phillipston

Templeton

Gregory C. Coffin

Ralph C. Mahar - (Active)
(6 year junior-senior high school)

Erving

Orange

Petersham

Henry J. Hastings

North Middlesex -(Preliminary costs voted)
(6 year junior-senior high school)

Dunstable

Townsend

Buckland-Shelburne - (Under construction)
(Kindergarten to grade 6 - Elementary)

Buckland

Shelburne

Superintendency Unions

#42 Ayer

Boxborough*

Shirley

Harold G. Norton

Acton(single town)*

William O'Connell

#1 Phillipston*

Royalston

Templeton*

Gregory C. Coffin

#2 Barre Hubbardston

Hardwick Petersham*

Gordan R. Allan

#28 Erving* New Salem

Leverett Shutesbury

Wendell

Henry F. Trainor

Orange(Single town)*

Henry J. Hastings

#22 Ashby

Townsend*

Jerome Bullis

#46 Dunstable*

Pepperell

Tyngsborough

Elliott A. Diggle

#9 Buckland*

Colrain

Shelburne*

Donald A. Fisher

*In region

Regions

Mohawk Trail - (Loan approved, site
selected, plans being drawn)
(6 year junior-senior high school)

Buckland
Charlemont
Colrain
Hawley
Heath
Shelburne

Athol-Royalston - (Under construction)
(6 year junior-senior high school)

Athol
Royalston
J. Harold Moody

Masconomet - (Preliminary costs voted,
site selected, plans being drawn)
(6 year junior-senior high school)

Boxford
Middleton
Topsfield

Whitman-Hanson - (Preliminary costs voted,
site selected, plans being drawn)
(4 year high school)

Whitman
Hanson
Edwin W. Rowell

Superintendency Unions

#9 Buckland*
Colrain*
Shelburne*
Donald A. Fisher
#21 Charlemont*
Hawley*
Heath*
Rowe
Wilson T. Tilley

Athol(single town)*
J. Harold Moody

#1 Phillipston
Royalston*
Templeton
Gregory C. Coffin

#20 Boxford*
Georgetown
Rowley
William D. Johnson

Middleton(single town)
Raymond S. Dower

#33 Topsfield*
Wenham
Maurice F. Smith

Whitman(single town)*
Edwin W. Rowell

#13 Hanover
Hanson*
Norwell
Clifton E. Bradley

*In region

-6-

RegionsHampden-Wilbraham - (Under construction)
(4 year high school)Hampden
Wilbraham

Eastham-Orleans-Wellfleet - (Preliminary
costs voted, loan approved, plans being
drawn) - (6 year junior-senior high school)Eastham
Orleans
Wellfleet
Sydney G. Pierce

Concord-Carlisle - (Preliminary costs
voted) - (4 year high school)Concord
Carlisle

Freetown-Lakeville - (Preliminary costs
voted) - (under construction) - (6 year
junior-senior high school)Freetown
Lakeville

Huntington-Montgomery - (Estab. 6/11/57)
(6 year junior-senior high school)Huntington
MontgomerySuperintendency UnionsHampden(single town)*
Kenneth E. JohnsonWilbraham(single town)*
Irving H. Agard#54 Eastham*
Orleans*
Wellfleet*
Sydney G. PierceConcord(single town)*
Robert S. Ireland#47 Bolton
Carlisle*
Harvard
Stow
Edwin J. Harriman#37 Berkley
Dighton
Freetown*
Gosnold
Robert T. Roy#34 Carver
Lakeville*
Rochester
George R. Austin#27 Blandford
Huntington*
Montgomery*
Russell
Dana O. Webber

*In region

Regions

Ashburnham-Westminster - (Estab. 8/14/57)
(6 year junior-senior high school)
 Ashburnham
 Westminster

Superintendency Unions

Ashburnham(single town)*
 Ralph A. Curran

Westminster(single town)*
 Frank D. Lawler

ADDED SINCE DECEMBER 10, 1957 LISTING

Central Berkshire (Estab. 1/1/58)

Dalton
 Becket
 Hinsdale
 Windsor

Dalton(single town)*
 Thomas H. White

#4 Becket*
 Chester
 Middlefield
 Gordon H. Fitzpatrick

#30 Hinsdale*
 Peru
 Washington
 Windsor*
 Earl C. Suitor

Marion-Mattapoisett-Rochester - (Estab. 2/2/58)

Marion
 Mattapoisett
 Rochester

Marion(single town)*
 Robert B. Patch

Mattapoisett(single town)*
 Ralph C. Glidden

#34 Carver
 Lakeville
 Rochester*
 George R. Austin

*In region

THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

Mrs. Alice M. Lyons, Chairman of Board

Owen B. Kiernan
Raymond A. FitzGerald

Commissioner of Education
Deputy Commissioner of Education

John P. McMorrow, Director
Division of Research and Statistics

Age of Entrance - Public Schools
School Year 1956-1957

| City or Town | Kindergarten | | Grade I | |
|--------------|-------------------------------|-----------------------|---------|------------------------------------|
| | Years | Months | Years | Months |
| | 1. | 2. | 3. | 4. |
| Abington | - | - | 5 | 8 |
| Acton | - | - | 5 | 9 Sept. 1st |
| Acushnet | - | - | 6 | On or before March 1st |
| Adams | 4 | 8 Sept. 1st | - | - |
| Agawam | - | - | 5 | 6 |
| Alford | Under Regional Administration | | | |
| Amesbury | - | - | 5 | 8 Sept. 1st |
| Amherst | - | - | 5 | 8 Sept. 1st |
| Andover | 5 | On or before Jan. 1st | 6 | On or before Jan. 1st |
| Arlington | 4 | Jan. 1st | 5 | Jan. 1st |
| Ashburnham | - | - | 6 | Jan. 1st |
| Ashby | - | - | 6 | On or before Jan. 1st |
| Ashfield | - | - | 5 | 10 Sept. 1st |
| Ashland | - | - | 5 | 8 Sept. 1st |
| Athol | - | - | 6 | Before Feb. 1st |
| Attleboro | - | - | 6 | Before Jan. 1st |
| Auburn | - | - | 6 | On or before Jan. 1st |
| Avon | - | - | 5 | 8 Sept. 1st |
| Ayer | - | - | 5 | 6 Sept. 1st |
| Barnstable | - | - | 6 | Before Jan. 1st |
| Barre | - | - | 6 | On or before Jan. 1st |
| Becket | - | - | 5 | 8 Sept. 1st or
4 by examination |
| Bedford | - | - | 5 | 10 Oct. 1st |
| Belchertown | - | - | 5 | 8 |
| Bellingham | - | - | 6 | On or before Jan. 1st |
| Belmont | 5 | On or before Oct. 1st | 6 | On or before Oct. 1st |
| Berkley | - | - | 5 | 8 |
| Berlin | - | - | 5 | 8 |
| Bernardston | 4 | 8 | 5 | 8 |
| Beverly | - | - | 5 | On or before preceding
Jan. 1st |

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

RESEARCH REPORT

NO. 100

BY

JOHN D. COOPER

CHICAGO, ILLINOIS

1950

THE UNIVERSITY OF CHICAGO

DEPARTMENT OF CHEMISTRY

RESEARCH REPORT

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DEPARTMENT OF CHEMISTRY

RESEARCH REPORT

NO. 100

BY

JOHN D. COOPER

CHICAGO, ILLINOIS

| City or Town | 1. | 2. | 3. | 4. |
|--------------|----|-----------------------|------|---|
| Billerica | - | - | 5 | 8 |
| Blackstone | 4 | 6 Sept. 1st | 5 | 6 Sept. 1st |
| Blandford | - | - | 6 | Before Jan. 1st |
| Bolton | - | - | 6 | By Dec. 31st year
of admission |
| Boston | 4 | 6 Oct. 1st | 5 | 6 Oct. 1st |
| Bourne | - | - | 5 | 8 Sept. 1st |
| Boxborough | - | - | 5 | 8 Sept. 1st |
| Boxford | - | - | 5 | 8 |
| Boylston | - | - | 5 | 8 |
| Braintree | 4 | 8 | 5 | 8 |
| Brewster | - | - | 5 | 8 Sept. 1st |
| Bridgewater | 5 | Sept. 1st | 6 | Sept. 1st |
| Brimfield | - | - | 5 | 8 |
| Brockton | - | - | 6 | On or before Jan. 1st
of school year |
| Brookfield | - | - | 6 | By Dec. 31st |
| Brookline | 4 | 3 | 5 | 3 |
| to 4 | 4 | 9 Oct. 1st | to 5 | 9 Oct. 1st |
| Buckland | 4 | 11 | 5 | 11 |
| Burlington | - | - | 5 | On or before Jan. 1st
last |
| Cambridge | 4 | 6 Oct. 1st | 6 | Oct. 1st or 5 yrs.
6 mo. with one year
kindergarten |
| Canton | - | - | 5 | March 1st |
| Carlisle | - | - | 6 | Year of admission |
| Carver | - | - | 6 | Dec. 31st - Jan. and
Feb. birthdays by
examination |
| Charlemont | | Under Regional Admin. | 5 | 8 |
| Charlton | - | - | 5 | 8 |
| Chatham | 4 | 8 | 5 | 8 |
| Chelmsford | - | - | 5 | 6 |
| Chelsea | 4 | 7 | 5 | 7 |
| Cheshire | - | - | 6 | Jan. 1st following |
| Chester | - | - | 5 | 8 Sept. 1st |
| Chesterfield | - | - | 5 | 8 |
| Chicopee | 4 | 9 | 5 | 9 |
| Chilmark | - | - | 6 | Nov. 1st |
| Clarksburg | - | - | 5 | 8 |
| Clinton | - | - | 5 | 5 |
| Cohasset | 4 | 10 Sept. 10th | 5 | 10 Sept. 10th |
| Colrain | - | - | 5 | 11 |
| Concord | 4 | 8 Sept. 1st | 5 | 8 Sept. 1st |
| Conway | - | - | 5 | 9 Oct. 1st |
| Cummington | - | - | 5 | 8 Sept. 1st |
| | | | 6 | Jan. 1st by examina-
tion |

| Date | Description | Amount | Total |
|--------|-------------|---------|----------|
| Jan 1 | To Balance | 100.00 | 100.00 |
| Jan 2 | By Cash | 50.00 | 150.00 |
| Jan 3 | To Cash | 25.00 | 175.00 |
| Jan 4 | By Cash | 75.00 | 250.00 |
| Jan 5 | To Cash | 100.00 | 350.00 |
| Jan 6 | By Cash | 150.00 | 500.00 |
| Jan 7 | To Cash | 200.00 | 700.00 |
| Jan 8 | By Cash | 250.00 | 950.00 |
| Jan 9 | To Cash | 300.00 | 1250.00 |
| Jan 10 | By Cash | 350.00 | 1600.00 |
| Jan 11 | To Cash | 400.00 | 2000.00 |
| Jan 12 | By Cash | 450.00 | 2450.00 |
| Jan 13 | To Cash | 500.00 | 2950.00 |
| Jan 14 | By Cash | 550.00 | 3500.00 |
| Jan 15 | To Cash | 600.00 | 4100.00 |
| Jan 16 | By Cash | 650.00 | 4750.00 |
| Jan 17 | To Cash | 700.00 | 5450.00 |
| Jan 18 | By Cash | 750.00 | 6200.00 |
| Jan 19 | To Cash | 800.00 | 7000.00 |
| Jan 20 | By Cash | 850.00 | 7850.00 |
| Jan 21 | To Cash | 900.00 | 8750.00 |
| Jan 22 | By Cash | 950.00 | 9700.00 |
| Jan 23 | To Cash | 1000.00 | 10700.00 |

-3-

| City or Town | 1. | 2. | 3. | 4. |
|----------------|-------------------------------|-------------------------|----|---|
| Dalton | - | - | 5 | 8 Sept. 1st |
| Danvers | - | - | 5 | 8 |
| Dartmouth | - | - | 5 | 6 |
| Dedham | - | - | 5 | 6 Sept. 1st |
| Deerfield | 4 | 9 Oct. 1st | 5 | 9 Oct. 1st |
| Dennis | - | - | 5 | 8 Sept. 1st |
| Dighton | - | - | 5 | 8 |
| Douglas | - | - | 5 | 9 |
| Dover | 4 | 8 | 5 | 8 |
| Dracut | 5 | Sept. 1st | 5 | 10 Sept. 1st |
| Dudley | 4 | 8 | 5 | 8 |
| Dunstable | - | - | 5 | 8 Sept. 1st |
| Duxbury | 5 | On or before Jan. 1st | 6 | On or before Jan. 1st |
| E. Bridgewater | - | - | 6 | Sept. 1st |
| E. Brookfield | - | - | 6 | Dec. 31st |
| Eastham | 4 | 8 | 5 | 8 |
| Easthampton | 4 | 9 | 5 | 9 |
| E. Longmeadow | - | - | 5 | On or before Feb. 10th
preceding |
| Easton | 4 | 6 | 6 | Sept. 1st or 5 years
6 mo. with mental
age of 6 years |
| Edgartown | 5 | Nov. 1st | 6 | Nov. 1st |
| Egremont | Under Regional Administration | | | |
| Erving | - | - | 5 | 8 |
| Essex | - | - | 6 | On or before Dec. 31,
1957 |
| Everett | 5 | Before Jan. 1st | 6 | Before Jan. 1st |
| Fairhaven | - | - | 5 | 6 Sept. 1st |
| Fall River | 5 | Dec. 31st | 6 | Dec. 31st |
| Falmouth | 5 | On or before Sept. 15th | 6 | On or before Sept. 15th |
| Fitchburg | 5 | Jan. 1st | 6 | Jan. 1st |
| Florida | - | - | 5 | 8 |
| Foxborough | - | - | 6 | On or before following
Jan. 1st |
| Framingham | - | - | 5 | 8 |
| Franklin | - | - | 5 | 8 |
| Freetown | - | - | 5 | 8 |
| Gardner | - | - | 6 | Jan. 1st |
| Gay Head | - | - | 6 | Nov. 1st |
| Georgetown | - | - | 5 | 8 |
| Gill | - | - | 5 | 8 |
| Gloucester | - | - | 5 | 8 |
| Goshen | - | - | 6 | Jan. 1st |
| Gosnold | - | - | 5 | 8 |

-4-

| City or Town | 1. | 2. | 3. | 4. |
|-----------------|-------------------------------|---------------------|----|---|
| Grafton | - | - | 5 | Before Jan. 1, 1957 |
| Granby | - | - | 5 | 6 Sept. 1st |
| Granville | - | - | 6 | Before Jan. 1st |
| Grt. Barrington | - | - | 5 | 6 - must be
6 yrs. before March 1,
1958 |
| Greenfield | 5 | - | 6 | - |
| Groton | - | - | 5 | 9 |
| Groveland | - | - | 5 | 6 |
| Hadley | 4 | 6 Sept. 1st | 5 | 6 Sept. 1st |
| Halifax | - | - | 5 | 8 |
| Hamilton | 4 | 8 | 5 | 8 |
| Hampden | - | - | 5 | 9 |
| Hancock | - | - | 6 | Feb. 15, 1958 |
| Hanover | - | - | 5 | 6 |
| Hanson | - | - | 5 | 6 |
| Hardwick | - | - | 6 | Jan. 1st |
| Harvard | - | - | 6 | Dec. 31st of year of
admission |
| Harwich | 4 | 8 | 5 | 8 |
| Hatfield | - | - | 6 | Dec. 31, 1957 |
| Haverhill | - | - | 5 | 8 Sept. 1st |
| Hawley | Under Regional Administration | | | |
| Heath | - | - | 5 | 8 |
| Hingham | 5 | On or before Dec. 1 | 6 | On or before Dec. 1 |
| Hinsdale | - | - | 6 | Sept. 1st |
| Holbrook | - | - | 5 | 8 |
| Holden | - | - | 6 | On or before Dec. 31st |
| Holland | - | - | 5 | 8 |
| Holliston | - | - | 5 | 8 |
| Holyoke | 4 | 9 | 5 | 9 |
| Hopedale | 4 | 8 | 5 | 8 |
| Hopkinton | - | - | 5 | 6 Sept. 1st |
| Hubbardston | - | - | 6 | On or before Dec. 31st |
| Hudson | - | - | 5 | 8 Sept. 1st |
| Hull | 4 | 9 Sept. 1st | 5 | 9 Sept. 1st |
| Huntington | - | - | 6 | On or before following
Jan. 1st |
| Ipswich | - | - | 5 | 8 |
| Kingston | - | - | 5 | 8 |
| Lakeville | - | - | 6 | By Dec. 31st - Jan. and
Feb. birthdays by
examination |
| Lancaster | - | - | 5 | 9 Sept. 1, 1957 |

| City or Town | 1. | 2. | 3. | 4. |
|---------------|----|------------------------------------|----|--|
| Lanesborough | - | - | 6 | By Feb. 1, 1958 |
| Lawrence | 4 | 6 | 5 | 6 |
| Lee | 4 | 6 Sept. 1st | 5 | 6 Sept. 1st |
| Leicester | - | - | 5 | 8 |
| Lenox | 4 | 10 | 5 | 10 |
| Leominster | 4 | 6 | 6 | Oct. 1st |
| Leverett | - | - | 5 | 8 |
| Lexington | - | - | 5 | 8 Sept. 1st |
| Leyden | - | - | 5 | 8 |
| Lincoln | 5 | On or before Jan. 1st
following | 6 | On or before Jan. 1st
following |
| Littleton | - | - | 6 | Dec. 31st year of ad-
mission |
| Longmeadow | 4 | 9 | 5 | 9 |
| Lowell | 4 | 6 Oct. 1st | 5 | 6 Oct. 1st |
| Ludlow | - | - | 5 | 8 Sept. 1st |
| Lunenburg | - | - | 6 | On or before Dec. 31st -
no tests allowed |
| Lynn | - | - | 5 | 3 |
| Lynnfield | - | - | 5 | 8 Sept. 1st |
| Malden | 5 | Jan. 1st | 6 | Jan. 1st |
| Manchester | 5 | By Dec. 31, 1957 | 6 | By Dec. 31, 1957 |
| Mansfield | - | - | 5 | 8 |
| Marblehead | 4 | 8 | 5 | 8 |
| Marion | - | - | 5 | 8 Sept. 1st |
| Marlborough | 4 | 6 Sept. 1st | 5 | 6 Sept. 1st |
| Marshfield | - | - | 5 | 8 |
| Mashpee | - | - | 5 | 8 |
| Mattapoisett | - | - | 5 | 6 Sept. 1st |
| Maynard | - | - | 5 | 8 |
| Medfield | - | - | 6 | Dec. 31st |
| Medford | 5 | On or before Dec. 31st | 6 | On or before Dec. 31st |
| Medway | 4 | 8 Sept. 1st | 5 | 8 Sept. 1st |
| Melrose | 4 | 8 | 5 | 8 |
| Mendon | - | - | 6 | On or before Jan. 1st |
| Merrimac | - | - | 5 | 8 |
| Methuen | - | - | 5 | 6 Sept. 1st |
| Middleborough | - | - | 5 | 8 |
| Middlefield | - | - | 5 | 8 Sept. 1st |
| Middleton | - | - | 5 | 8 |
| Milford | 4 | 8 | 5 | 8 |
| Millbury | - | - | 5 | 8 |
| Millis | 4 | 8 Sept. 1st | 5 | 8 Sept. 1st |
| Millville | - | - | 5 | 6 Sept. 1st |
| Milton | 5 | Before Jan. 1, 1958 | 6 | Before Jan. 1, 1958 |
| Monroe | - | - | 5 | 8 |
| Monson | - | - | 5 | 8 |
| Montague | 4 | 9 | 5 | 9 |

| City or Town | 1. | 2. | 3. | 4. |
|------------------|----|-------------------------------------|----|--|
| Monterey | | Under Regional Administration | | |
| Montgomery | - | - | 5 | Before opening day of
school in September |
| Mt. Washington | - | - | - | - |
| Nahant | 4 | April 1st | 5 | April 1st |
| Nantucket | - | - | 5 | 9 Oct. 1st |
| Natick | 4 | Before Jan. 1st of
entrance year | 5 | Before Jan. 1st of
entrance year |
| Needham | 4 | 10 before Sept. 1st | 5 | 10 before Sept. 1st |
| New Ashford | - | - | 6 | Jan. 1, 1958 |
| New Bedford | 4 | 8 | 5 | 8 |
| New Braintree | - | - | 5 | 6 Sept. 1st |
| Newbury | - | - | 5 | 8 |
| Newburyport | - | - | 6 | - |
| New Marlborough | | Under Regional Administration | | |
| New Salem | - | - | 5 | 8 |
| Newton | 4 | 9 Oct. 1st | 5 | 9 Oct. 1st |
| Norfolk | - | - | 5 | 6 |
| North Adams | 5 | - | 6 | - |
| Northampton | 4 | On or before March 1,
1957 | 5 | On or before March 1,
1957 |
| North Andover | - | - | 5 | 6 Oct. 1st |
| No. Attleborough | 4 | 8 Sept. 1st | 5 | 8 Sept. 1st |
| Northborough | - | - | 6 | - |
| Northbridge | - | - | 5 | 8 |
| No. Brookfield | 5 | By Dec. 31st | 6 | By Dec. 31st |
| Northfield | - | - | 5 | 8 |
| No. Reading | - | - | 5 | Jan. 1st |
| Norton | - | - | 5 | 8 |
| Norwell | - | - | 5 | 6 |
| Norwood | 4 | 8 Sept. 1st | 5 | 8 Sept. 1st |
| Oak Bluffs | 5 | Nov. 1st | 6 | Nov. 1st |
| Oakham | - | - | 6 | On or before Dec. 31st |
| Orange | - | - | 6 | By Jan. 1st |
| Orleans | - | - | 5 | 8 |
| Otis | - | - | 5 | 6 Sept. 1st |
| Oxford | - | - | 5 | 8 |
| Palmer | - | - | 5 | 8 |
| Paxton | - | - | 6 | On or before Dec. 31st |
| Peabody | 4 | On or before Jan. 1, 1957 | 5 | On or before Jan. 1, 1957 |
| Pelham | - | - | 5 | 8 Sept. 1st |
| Pembroke | - | - | 5 | 8 |
| Pepperell | - | - | 6 | Jan. 1st following
Sept. 1st |
| Peru | - | - | 6 | Jan. 1st |
| Petersham | - | - | 6 | Jan. 1st |
| Phillipston | - | - | 6 | On or before Dec. 31st |

1. The first part of the report

2. The second part of the report

3. The third part of the report

4. The fourth part of the report

5. The fifth part of the report

6. The sixth part of the report

7. The seventh part of the report

8. The eighth part of the report

9. The ninth part of the report

10. The tenth part of the report

11. The eleventh part of the report

12. The twelfth part of the report

13. The thirteenth part of the report

14. The fourteenth part of the report

15. The fifteenth part of the report

16. The sixteenth part of the report

17. The seventeenth part of the report

18. The eighteenth part of the report

19. The nineteenth part of the report

20. The twentieth part of the report

| City or Town | 1. | 2. | 3. | 4. |
|--------------|-------|--------------------------------------|----|--|
| Pittsfield | 4 | 6 | 5 | 6 |
| Plainfield | - | - | 5 | 10 Sept. 1st |
| Plainville | - | - | 5 | 6 |
| Plymouth | - | - | 5 | 8 |
| Plympton | - | - | 5 | 8 |
| Princeton | - | - | 5 | 11 |
| Provincetown | - | - | 5 | 9 |
| Quincy | 4 | 10 | 5 | 10 |
| Randolph | - | - | 5 | 8 Sept. 1st |
| Raynham | - | - | 5 | 8 |
| Reading | - | - | 5 | 8 Sept. 1st |
| Rehoboth | - | - | 5 | 8 |
| Revere | - | - | 5 | On or before March 1st |
| Richmond | - | - | 5 | 6 Sept. 1st |
| Rochester | - | - | 6 | Dec. 31st - examination
for 6th birthday in
Jan. or Feb. |
| Rockland | - | - | 5 | 8 |
| Rockport | 4 | 8 | 5 | 8 |
| Rowe | - | - | 5 | 8 |
| Rowley | - | - | 5 | 8 |
| Royalston | - | - | 6 | On or before Dec. 31st |
| Russell | 5 | Before Jan. 1st of
following year | 6 | Before Jan. 1st of
following year |
| Rutland | - | - | 6 | On or before Dec. 31st |
| Salem | 4 | 9 Oct. 1st | 6 | Oct. 1st |
| Salisbury | 4 | 8 | 5 | 8 |
| Sandisfield | - | - | 6 | On or before Jan. 1st |
| Sandwich | - | - | 5 | 8 |
| Saugus | - | - | 6 | On or before Jan. 1st |
| Savoy | - | - | 5 | 8 |
| Scituate | 5 | - | 6 | - |
| Seekonk | - | - | 5 | 8 |
| Sharon | 5 | Sept. 1st | 6 | Sept. 1st |
| | 5 | Dec. 31st by test | 6 | Dec. 31st by test |
| Sheffield | Under | Regional Administration | | |
| Shelburne | - | - | 5 | 11 |
| Sherborn | 4 | 8 | 5 | 8 |
| Shirley | - | - | 5 | 5 Sept. 1st |
| Shrewsbury | - | - | 6 | On or before Jan. 1st |
| Shutesbury | - | - | 5 | 8 |
| Somerset | - | - | 5 | 8 Sept. 1st |
| Somerville | 5 | On or before Feb. 28th | 6 | On or before Feb. 28th |
| Southampton | - | - | 5 | 8 |
| Southborough | - | - | 5 | 8 |
| Southbridge | - | - | 5 | 8 |
| South Hadley | - | - | 5 | 6 Sept. 15th |
| Southwick | - | - | 6 | On or before Jan. 1st |

| City or Town | 1. | 2. | 3. | 4. |
|----------------|----|-----------------------|----|---|
| Spencer | 4 | 8 | 5 | 6 |
| Springfield | 4 | 7 Sept. 10th | 5 | 7 Sept. 10th |
| Sterling | - | - | 5 | 11 |
| Stockbridge | 5 | On or before Jan. 1st | 6 | On or before Jan. 1st |
| Stoneham | - | - | 5 | 8 Sept. 1st |
| Stoughton | - | - | 5 | 8 or |
| | | | 5 | 5 by examination |
| Stow | - | - | 6 | By Dec. 31st |
| Sturbridge | - | - | 5 | 8 |
| Sudbury | - | - | 5 | 8 Sept. 1st |
| Sunderland | - | - | 5 | 9 Oct. 1st |
| Sutton | - | - | 5 | On or before Jan. 1st
preceding opening of
school |
| Swampscott | 5 | Birthday in 1957 | 6 | Birthday in 1957 |
| Swansea | - | - | 5 | 8 Sept. 1st |
| Taunton | - | - | 5 | 8 |
| Templeton | - | - | 6 | On or before Dec. 31st |
| Tewksbury | - | - | 5 | 6 Oct. 1st |
| Tisbury | 5 | Nov. 1st | 6 | Nov. 1st |
| Tolland | 5 | On or before Jan. 1st | 6 | On or before Jan. 1st |
| Topsfield | 4 | 8 | 5 | 8 |
| Townsend | - | - | 6 | On or before Jan. 1st |
| Truro | - | - | 5 | 9 |
| Tyngsborough | - | - | 6 | Jan. 1st following |
| Tyringham | - | - | 5 | 6 Sept. 1st |
| Upton | - | - | 5 | Before Jan. 1, 1957 |
| Uxbridge | 4 | 8 | 5 | 8 |
| Wakefield | - | - | 5 | 8 Sept. 1st |
| Wales | - | - | 5 | 8 |
| Walpole | - | - | 5 | 8 |
| Waltham | 4 | 8 Sept. 1st | 5 | 8 Sept. 1st |
| Ware | - | - | 5 | 6 |
| Wareham | - | - | 5 | 8 |
| Warren | - | - | 5 | 6 Sept. 1st |
| Warwick | - | - | 5 | 8 Sept. 1st |
| Washington | - | - | 6 | Sept. 1st |
| Watertown | 4 | 9 | 5 | 9 |
| Wayland | - | - | 5 | 8 |
| Webster | 4 | 8 | 5 | 8 |
| Wellesley | 4 | 10 | 5 | 10 |
| Wellfleet | - | - | 5 | 9 |
| Wendell | - | - | 5 | 8 |
| Wenham | - | - | 5 | 8 |
| Westborough | - | - | 6 | - |
| West Boylston | 4 | 8 | 5 | 8 |
| W. Bridgewater | - | - | 5 | 8 |

-9-

| City or Town | 1. | 2. | 3. | 4. |
|------------------|----|--------------------------------|----|------------------------------------|
| W. Brookfield | 4 | 8 Sept. 1st | 5 | 8 Sept. 1st |
| Westfield | 5 | Before Jan. 1st follow-
ing | 6 | Before Jan. 1st follow-
ing |
| Westford | - | - | 5 | 10 Sept. 1st |
| Westhampton | - | - | 5 | 8 |
| Westminster | - | - | 5 | 8 |
| West Newbury | - | - | 5 | 8 |
| Weston | 4 | 10 <u>1</u> / ₂ | 5 | 10 |
| Westport | - | - | 5 | 8 |
| W. Springfield | 4 | 6 | 5 | 6 |
| W. Stockbridge | - | - | 5 | 6 Sept. 1st |
| W. Tisbury | - | - | 6 | Nov. 1st |
| Westwood | - | - | 5 | March 1st before en-
trance |
| Weymouth | - | - | 5 | 5 |
| Whately | - | - | 5 | 9 Oct. 1st |
| Whitman | - | - | 5 | 8 |
| Wilbraham | - | - | 5 | Dec. 31, 1956 |
| Williamsburg | - | - | 6 | October 1st of year of
entrance |
| Williamstown | 4 | 8 | 5 | 8 |
| Wilmington | - | - | 5 | 8 |
| Winchendon | - | - | 6 | On or before Jan. 1st |
| Winchester | 5 | On or before Dec. 31st | 6 | On or before Dec. 31st |
| Windsor | - | - | 6 | Sept. 1st |
| Winthrop | - | - | 5 | 8 |
| Woburn | - | - | 5 | 8 Sept. 1st |
| Worcester | 5 | - | 6 | - |
| Worthington | - | - | 5 | 8 |
| Wrentham | - | - | 6 | On or before Dec. 31st |
| Yarmouth | - | - | 5 | 8 |
| <u>REGIONS</u> | | | | |
| Acton-Boxborough | - | - | - | - |
| Amherst-Pelham | - | - | - | - |
| Frontier | - | - | - | - |
| Hawlemont | - | - | 5 | 8 |
| Lincoln-Sudbury | - | - | - | - |
| Silver Lake | - | - | - | - |
| So. Berkshire | - | - | 5 | 5 |
| Tantasqua | - | - | - | - |
| Wachusett | - | - | - | - |

1/ Admitted conditionally between 4 years 8 months and 4 years 10 months if accommodations are available.

| Date | | Description | | Amount | |
|------|--------|------------------|--|---------|--|
| 1900 | Jan 1 | Balance | | 100.00 | |
| | Jan 5 | Received from A | | 50.00 | |
| | Jan 10 | Received from B | | 25.00 | |
| | Jan 15 | Received from C | | 75.00 | |
| | Jan 20 | Received from D | | 100.00 | |
| | Jan 25 | Received from E | | 150.00 | |
| | Jan 30 | Received from F | | 200.00 | |
| | Feb 5 | Received from G | | 250.00 | |
| | Feb 10 | Received from H | | 300.00 | |
| | Feb 15 | Received from I | | 350.00 | |
| | Feb 20 | Received from J | | 400.00 | |
| | Feb 25 | Received from K | | 450.00 | |
| | Feb 30 | Received from L | | 500.00 | |
| | Mar 5 | Received from M | | 550.00 | |
| | Mar 10 | Received from N | | 600.00 | |
| | Mar 15 | Received from O | | 650.00 | |
| | Mar 20 | Received from P | | 700.00 | |
| | Mar 25 | Received from Q | | 750.00 | |
| | Mar 30 | Received from R | | 800.00 | |
| | Apr 5 | Received from S | | 850.00 | |
| | Apr 10 | Received from T | | 900.00 | |
| | Apr 15 | Received from U | | 950.00 | |
| | Apr 20 | Received from V | | 1000.00 | |
| | Apr 25 | Received from W | | 1050.00 | |
| | Apr 30 | Received from X | | 1100.00 | |
| | May 5 | Received from Y | | 1150.00 | |
| | May 10 | Received from Z | | 1200.00 | |
| | May 15 | Received from AA | | 1250.00 | |
| | May 20 | Received from AB | | 1300.00 | |
| | May 25 | Received from AC | | 1350.00 | |
| | May 30 | Received from AD | | 1400.00 | |
| | Jun 5 | Received from AE | | 1450.00 | |
| | Jun 10 | Received from AF | | 1500.00 | |
| | Jun 15 | Received from AG | | 1550.00 | |
| | Jun 20 | Received from AH | | 1600.00 | |
| | Jun 25 | Received from AI | | 1650.00 | |
| | Jun 30 | Received from AJ | | 1700.00 | |
| | Jul 5 | Received from AK | | 1750.00 | |
| | Jul 10 | Received from AL | | 1800.00 | |
| | Jul 15 | Received from AM | | 1850.00 | |
| | Jul 20 | Received from AN | | 1900.00 | |
| | Jul 25 | Received from AO | | 1950.00 | |
| | Jul 30 | Received from AP | | 2000.00 | |
| | Aug 5 | Received from AQ | | 2050.00 | |
| | Aug 10 | Received from AR | | 2100.00 | |
| | Aug 15 | Received from AS | | 2150.00 | |
| | Aug 20 | Received from AT | | 2200.00 | |
| | Aug 25 | Received from AU | | 2250.00 | |
| | Aug 30 | Received from AV | | 2300.00 | |
| | Sep 5 | Received from AW | | 2350.00 | |
| | Sep 10 | Received from AX | | 2400.00 | |
| | Sep 15 | Received from AY | | 2450.00 | |
| | Sep 20 | Received from AZ | | 2500.00 | |
| | Sep 25 | Received from BA | | 2550.00 | |
| | Sep 30 | Received from BB | | 2600.00 | |
| | Oct 5 | Received from BC | | 2650.00 | |
| | Oct 10 | Received from BD | | 2700.00 | |
| | Oct 15 | Received from BE | | 2750.00 | |
| | Oct 20 | Received from BF | | 2800.00 | |
| | Oct 25 | Received from BG | | 2850.00 | |
| | Oct 30 | Received from BH | | 2900.00 | |
| | Nov 5 | Received from BI | | 2950.00 | |
| | Nov 10 | Received from BJ | | 3000.00 | |
| | Nov 15 | Received from BK | | 3050.00 | |
| | Nov 20 | Received from BL | | 3100.00 | |
| | Nov 25 | Received from BM | | 3150.00 | |
| | Nov 30 | Received from BN | | 3200.00 | |
| | Dec 5 | Received from BO | | 3250.00 | |
| | Dec 10 | Received from BP | | 3300.00 | |
| | Dec 15 | Received from BQ | | 3350.00 | |
| | Dec 20 | Received from BR | | 3400.00 | |
| | Dec 25 | Received from BS | | 3450.00 | |
| | Dec 30 | Received from BT | | 3500.00 | |
| | Jan 1 | Balance | | 3550.00 | |

-10-

A RECAPITULATION OF ENTRANCE AGES
1956 - 1957

STATE

Kindergartens

| | | | |
|------------------------|----|-----------------------|------------|
| Entrance Age: | | Entrance Age: | |
| 5 years..... | 9 | 4 years 7 months..... | 6 |
| 4 years 11 months..... | 2 | 4 years 6 months..... | 10 |
| 4 years 10 months..... | 10 | 4 years 5 months..... | 1 |
| 4 years 9 months..... | 13 | No kindergarten..... | 254* |
| 4 years 8 months..... | 46 | | |
| | | Total..... | <u>351</u> |

*Of this figure, 7 towns are under regional administration

Grade I

| | | | |
|------------------------|-------|-----------------------|------------|
| Entrance Age: | | Entrance Age: | |
| 6 years..... | 18 | 5 years 6 months..... | 39 |
| 5 years 11 months..... | 10 | 5 years 5 months..... | 13*** |
| 5 years 10 months..... | 16 | 5 years 4 months..... | 1 |
| 5 years 9 months..... | 43 | 5 years 3 months..... | 1 |
| 5 years 8 months..... | 201** | 5 years..... | 1 |
| 5 years 7 months..... | 7 | No information..... | 1 |
| | | Total..... | <u>351</u> |

**Includes two towns under regional administration

***Includes five towns under regional administration

$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx = \frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx$

10

[illegible]

THE UNIVERSITY OF CHICAGO PRESS

[illegible]

1. The first group of people who are interested in the study of the history of the United States are the people who are interested in the history of the United States.

DEPARTMENT OF EDUCATION

Mrs. Alice M. Lyons, Chairman of Board

Owen B. Kiernan

Commissioner of Education

Raymond A. FitzGerald

Deputy Commissioner of Education

John P. McMorrow, Director
Division of Research and StatisticsLength of School Day and Number of Sessions in Public Schools
School Year 1956-57

| CITY OR TOWN | LENGTH OF DAY | | | | | | NUMBER OF SESSIONS | | | | DUAL CAPACITY * | | |
|--------------------|---------------|------|-------------------------------|------|----------|------|--------------------|------|--------------|-------|-----------------|----------|---------------|
| | KGN. | | ELEM. | | JR. HIGH | | HIGH | | KGN. | ELEM. | | JR. HIGH | HIGH |
| | Hrs. | Min. | Hrs. | Min. | Hrs. | Min. | Hrs. | Min. | | | | | |
| | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. |
| Abington | - | - | 5 | 30 | 6 | - | 6 | - | - | 1 | - | 1 | - |
| Acton | - | - | 6 | - | - | - | - | - | - | 1 | - | - | - |
| Acushnet | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Adams | 2 | 30 | 5 | 30 | 5 | - | 5 | - | 1 | 2 | 2 | 2 | - |
| Agawam | - | - | 6 | - | 6 | - | 6 | - | - | 2 | 2 | 2 | - |
| Alford | - | - | UNDER REGIONAL ADMINISTRATION | | | | | | - | 2 | 2 | 1 | - |
| Amesbury | - | - | 4 | 50 | 6 | - | 6 | - | - | 2 | - | 1 | - |
| Amherst | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Andover | 3 | - | 4 | 45 | 5 | 15 | 5 | 15 | 2 | 2 | 2 | 1 | Kgn. |
| Arlington | (2 | 15) | 5 | - | 6 | - | 6 | 15 | 1 | 2 | 1 | 1 | Kgn. |
| | (2 | -) | - | - | - | - | - | - | - | - | - | - | - |
| Ashburnham | - | - | 5 | 15 | - | - | - | - | - | 2 | - | - | - |
| Ashby | - | - | 6 | - | 6 | - | 6 | - | - | 1 | 1 | 1 | - |
| Ashfield | - | - | 5 | - | - | - | 5 | 50 | - | 2 | - | 2 | - |
| Ashland | - | - | 5 | 30 | 6 | - | 6 | - | - | 1 | 1 | 1 | - |
| * Different Pupils | | | | | | | | | | | | | |
| | | | | | | | | | June 3, 1958 | | | | M/T/L/B - 200 |

| CITY OR TOWN | Hrs. 1. | Hrs. 2. | Hrs. . | Hrs. 4. | Hrs. 5. | Hrs. 6. | Hrs. 7. | Hrs. 8. | 9. | 10. | 11. | 12. | 13. |
|--------------|---------|---------|--------|---------|---------|---------|---------|---------|----|-----|-----|-----|-----------------------------|
| Athol | - | - | 5 | - | 4 | 26 | 4 | 30 | - | 2 | 1 | 1 | H.S. |
| Attleboro | - | - | 5 | - | 5 | 45 | 6 | - | - | 2 | 1 | 1 | - |
| Auburn | - | - | 5 | - | 5 | - | 5 | - | - | 1 | 1 | 1 | - |
| Avon | - | - | 5 | - | 6 | - | 6 | - | - | 1 | 1 | 1 | - |
| Ayer | - | - | 5 | 15 | - | - | 5 | 30 | - | 2 | - | 1 | - |
| Barnstable | - | - | 6 | - | 5 | 45 | 5 | 45 | - | 2 | 1 | 1 | - |
| Barre | - | - | 5 | 45 | - | - | 6 | 15 | - | 2 | - | 1 | - |
| Becket | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Bedford | - | - | 5 | 15 | 6 | - | 6 | - | - | 1 | 1 | 1 | Gr. 1 & 2
3 hrs. 45 min. |
| Belchertown | - | - | 5 | 8 | - | - | 5 | 30 | - | 2 | - | 1 | - |
| Bellingham | - | - | 5 | - | - | - | 5 | - | - | 2 | - | 1 | - |
| Belmont | 3 | - | 5 | - | 5 | 30 | 5 | 45 | 1 | 2 | 1 | 1 | - |
| Berkley | - | - | 5 | - | - | - | 5 | - | - | 2 | - | - | - |
| Berlin | - | - | 5 | 10 | - | - | - | - | - | 2 | - | - | - |
| Bernardston | 5 | 30 | 5 | 30 | 5 | 30 | 5 | 30 | - | 2 | 1 | 1 | - |
| Beverly | - | - | 5 | - | 5 | 45 | 5 | 45 | - | 2 | 1 | 1 | - |
| BillERICA | - | - | 5 | - | 6 | - | 6 | - | - | 2 | 1 | 1 | - |
| Blackstone | 2 | 15 | 5 | - | - | - | 5 | 30 | - | 2 | - | 1 | - |
| Blandford | - | - | 5 | 15 | - | - | - | - | - | 2 | - | - | - |
| Bolton | - | - | 5 | 30 | - | - | - | - | - | 1 | - | - | - |
| Boston | 2 | 15 | 5 | - | 5 | 30 | 5 | 30 | 1 | 1 | 1 | 1 | Kgn. |
| Bourne | - | - | 5 | - | - | - | 5 | 15 | - | 2 | - | - | - |
| Boxborough | - | - | 5 | 15 | - | - | 5 | - | - | 2 | - | - | - |
| Boxford | - | - | 4 | 45 | - | - | - | - | - | 2 | - | - | - |
| Boylston | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| BrainTree | 2 | - | 5 | 25 | 5 | 45 | 6 | 3 | 2 | 1 | 1 | 1 | Kgn. |
| Brewster | - | - | 5 | - | - | - | - | - | - | 1 | - | - | - |
| Bridgewater | 2 | 30 | 5 | - | - | - | 6 | - | 1 | 2 | - | 1 | Kgn. |
| Brimfield | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Brockton | - | - | 5 | - | 5 | 15 | (5) | 15) | - | 2 | 1 | 1 | - |

* Different Pupils

1. The first part of the paper is devoted to a general discussion of the problem.

2. In the second part, we shall consider the special case of a uniform medium.

3. The third part is devoted to the study of the properties of the solutions.

4. In the fourth part, we shall discuss the numerical results obtained.

5. The fifth part is devoted to the conclusions and remarks.

6. In the sixth part, we shall discuss the bibliography.

7. The seventh part is devoted to the appendix.

8. In the eighth part, we shall discuss the references.

9. The ninth part is devoted to the index.

10. In the tenth part, we shall discuss the summary.

11. The eleventh part is devoted to the conclusion.

| CITY OR TOWN | Hrs. Min. | | | | | | | | | | * | | |
|---|-----------|-----|----|-------------------|----|----|----|----|----|-----|-----|-----|-------------|
| | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. | 13. |
| Brookfield | - | - | 5 | 15 | - | - | - | - | - | 2 | - | - | - |
| Brookline | 3 | - | (4 | - ^{1/2} | - | - | 5 | - | 1 | 1 | - | 1 | - |
| | | | (4 | 30 ^{2/3} | | | | | | | | | |
| | | | (5 | - ^{3/4} | | | | | | | | | |
| Buckland | (2 | -) | 5 | - | - | - | - | - | 2 | 2 | - | - | Kgn. |
| Burlington | (2 | 30) | 5 | 30 | 4 | - | 4 | 7 | - | 1 | 1 | 1 | Jr.H. & H. |
| Cambridge | 3 | - | 5 | - | - | - | 5 | 30 | 1 | 2 | - | 1 | Kgn. |
| Canton | - | - | 4 | 45 | - | - | 5 | 30 | - | 2 | - | 1 | H.S. Fresh. |
| Carlisle | - | - | 5 | 30 | - | - | - | - | - | 1 | - | - | - |
| Carver | - | - | 5 | 50 ^{4/5} | - | - | - | - | - | 1 | - | - | - |
| Charlemont | - | - | - | - | - | - | 6 | 30 | - | - | - | 1 | - |
| Charlton | - | - | 4 | 45 | 5 | 30 | 5 | 30 | - | 1 | 2 | 2 | Elem. |
| Chatham | 2 | 30 | 5 | 30 | 5 | 45 | 5 | 45 | 1 | 1 | 1 | 1 | Kgn. |
| Chelmsford | - | - | 5 | - | - | - | 5 | 30 | - | 2 | - | 1 | - |
| Chelsea | 2 | 30 | (4 | 30) | 5 | 30 | 5 | 30 | 1 | 1 | 1 | 1 | Kgn. |
| | | | (5 | -) | | | | | | | | | |
| Cheshire | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Chester | - | - | 5 | - | - | - | 5 | 20 | - | 2 | - | 2 | - |
| Chesterfield | - | - | 5 | 30 | - | - | - | - | - | 1 | - | - | - |
| Chicopee | (2 | -) | 5 | - | 6 | - | 5 | 45 | 2 | 2 | 1 | 1 | Kgn. |
| | (3 | -) | | | | | | | | | | | |
| Chilmark | - | - | 5 | 30 | - | - | - | - | - | 2 | - | - | - |
| Clarksburg | - | - | 5 | 30 | - | - | - | - | - | 2 | - | - | - |
| Clinton | - | - | 4 | 45 | 5 | - | 5 | - | - | 2 | 1 | 1 | - |
| Cohasset | 2 | 30 | (4 | - | 5 | 30 | 5 | 30 | 2 | 1 | 1 | 1 | Kgn. |
| | | | (5 | | | | | | | | | | |
| Colrain | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Concord | 2 | 45 | 5 | 45 | 5 | 45 | 5 | 50 | 1 | 2 | 1 | 1 | Kgn. |
| Conway | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Cummington | - | - | 5 | 15 | 5 | 15 | - | - | - | 2 | 2 | - | - |
| * Different Pupils | | | | | | | | | | | | | |
| <u>1/</u> Grades 1 & 2 - 4 Hrs. | | | | | | | | | | | | | |
| <u>2/</u> Grades 3 - 8 - 4 Hrs. 30 Min. | | | | | | | | | | | | | |
| <u>3/</u> Grades 4 - 8 - 5 Hrs. | | | | | | | | | | | | | |
| <u>4/</u> Under Regional Administration | | | | | | | | | | | | | |

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the integrity of the financial system and for the ability to detect and prevent fraud.

2. The second part of the document outlines the specific procedures for recording transactions. It details the steps involved in the accounting process, from the initial entry of data into the system to the final review and approval of the records.

3. The third part of the document addresses the challenges associated with record-keeping in a complex and rapidly changing environment. It identifies key areas of concern, such as the need for standardized procedures and the importance of regular audits to ensure the accuracy and reliability of the data.

4. The fourth part of the document provides a summary of the key findings and recommendations. It highlights the need for continued efforts to improve record-keeping practices and to ensure that the financial system remains robust and secure.

5. The fifth part of the document discusses the role of technology in improving record-keeping. It explores the benefits of using automated systems to manage data and the challenges of integrating new technologies into existing processes.

6. The sixth part of the document provides a detailed analysis of the current state of record-keeping practices. It identifies areas where improvements are needed and provides specific recommendations for addressing these issues.

7. The seventh part of the document discusses the importance of training and education in ensuring that staff are equipped with the skills and knowledge needed to perform their duties effectively.

8. The eighth part of the document provides a summary of the key findings and recommendations. It highlights the need for continued efforts to improve record-keeping practices and to ensure that the financial system remains robust and secure.

9. The ninth part of the document discusses the importance of transparency and accountability in the financial system. It emphasizes the need for clear communication and for the availability of information to all stakeholders.

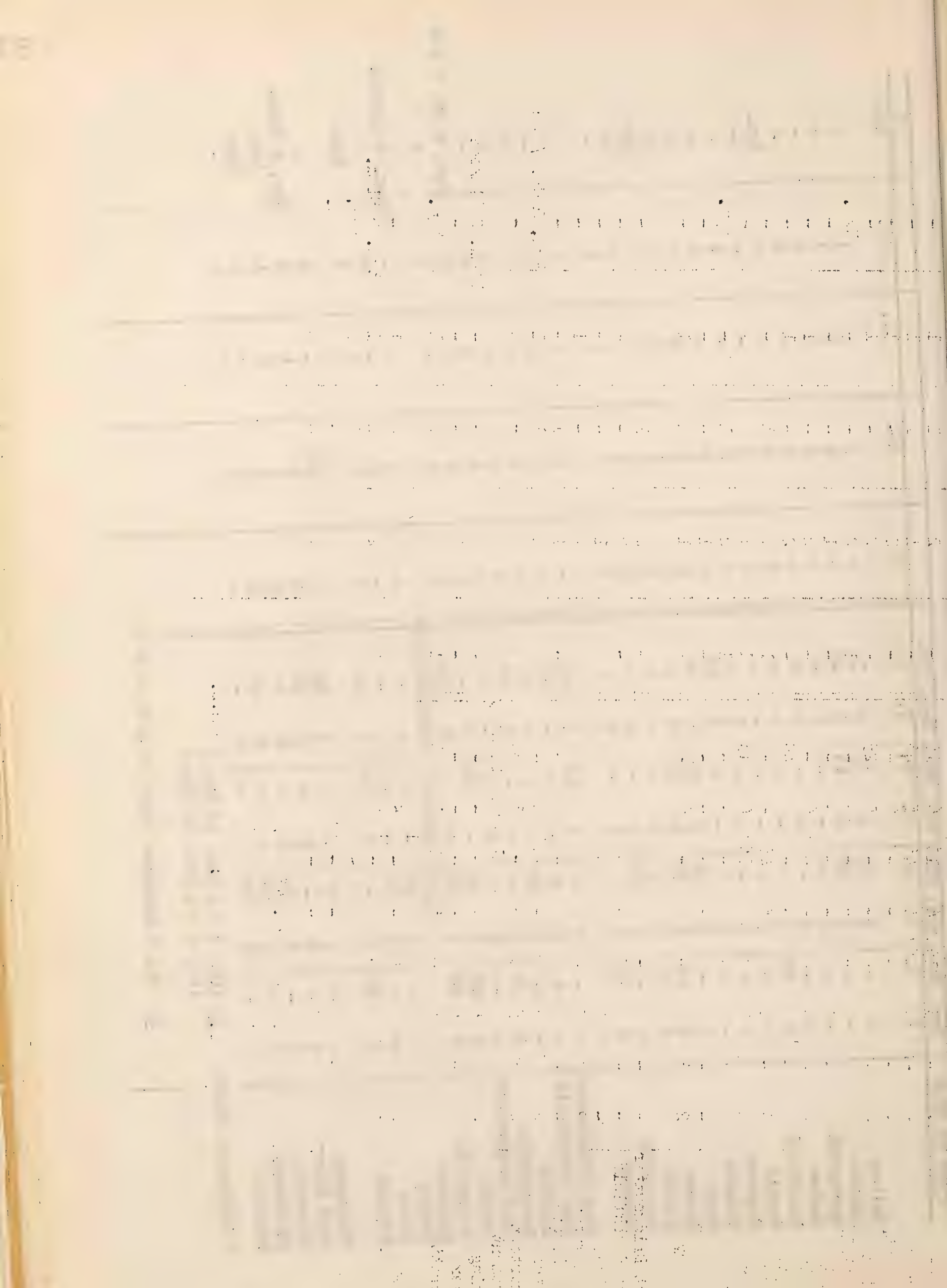
10. The tenth part of the document provides a final summary of the key findings and recommendations. It reiterates the need for continued efforts to improve record-keeping practices and to ensure that the financial system remains robust and secure.

-4-

| CITY OR TOWN | Hrs. 1. | Hrs. 2. | Hrs. 3. | Hrs. 4. | Hrs. 5. | Hrs. 6. | Hrs. 7. | Hrs. 8. | 9. | 10. | 11. | 12. | 13. |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|----|-----------------|-----|-----|------------------|
| Dalton | - | - | 5 | 15 | 6 | 15 | 6 | 15 | - | 2 | 1 | 1 | - |
| Danvers | - | - | 5 | 45 | 5 | 45 | 5 | 45 | - | 1 | 1 | 1 | - |
| Dartmouth | - | - | 6 | - | - | - | 6 | - | - | 2 | - | 1 | - |
| Dedham | - | - | 5 | - | - | - | 5 | 25 | - | 2 | - | 1 | - |
| Deerfield | 2 | 30 | 5 | - | - | - | - | - | 1 | 2 | - | - | Kgn. |
| Dennis | - | - | 5 | - | - | - | 6 | - | - | 1 | - | 1 | - |
| Dighton | - | - | 5 | - | - | - | 5 | - | - | 2 | - | 1 | - |
| Douglas | - | - | 5 | - | - | - | 5 | 45 | - | 2 | - | 1 | - |
| Dover | 3 | - | 5 | 45 | 5 | 45 | - | - | 1 | 2 | 1 | - | - |
| Dracut | 2 | 45 | 5 | 30 | 6 | 15 | 6 | 15 | 1 | 1 | 1 | 1 | - |
| Dudley | 2 | 30 | 5 | - | 6 | - | - | - | 1 | 2 | 1 | - | Kgn. |
| Dunstable | - | - | 5 | 20 | - | - | - | - | - | 1 | - | - | - |
| Duxbury | 2 | 30 | 6 | - | 6 | - | 6 | - | 2 | 1 | 1 | 1 | - |
| East Bridgewater | - | - | 5 | - | 5 | 45 | 5 | 45 | - | 2 | 1 | 1 | - |
| East Brookfield | - | - | 5 | 5 | - | - | - | - | - | 2 | - | - | - |
| Eastham | - | - | 5 | 30 | - | - | - | - | - | 1 | - | - | - |
| Easthampton | 2 | 30 | 5 | - | 5 | 20 | 5 | - | 1 | 1 | - | 1 | - |
| East Longmeadow | - | - | 6 | - | 6 | - | - | - | 1 | 2 | 1 | 1 | - |
| Easton | 2 | 20 | 5 | 20 | - | 1/ | 6 | - | 1 | 2 | 1 | 2 | Kgn. & Gr. 7 & 8 |
| Edgartown | 2 | 30 | 5 | 30 | - | - | 5 | 30 | 1 | 2 | - | - | - |
| Egremont | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Erving | - | - | 5 | 30 | - | - | - | - | - | 2 | - | - | Elem. 2 Classes |
| Essex | - | - | 5 | 30 | - | - | - | - | - | 1 | - | - | - |
| Everett | 2 | 30 | 5 | - | 5 | 30 | 5 | 30 | 1 | 1 | 1 | 1 | Kgn. |
| Fairhaven | - | - | 4 | 55 | - | - | 5 | 15 | - | 2 ^{2/} | - | 1 | - |
| Fall River | 5 | - | 5 | - | 6 | - | 5 | 40 | 2 | 2 | 1 | 1 | Kgn. & Elem. |
| Falmouth | 3 | - | 5 | 30 | 6 | - | 6 | - | 1 | 1 | 1 | 1 | Kgn. |
| Fitchburg | 3 | - | 4 | 50 | - | - | 5 | 45 | 1 | 2 | 1 | 1 | Kgn. |
| Florida | - | - | 5 | 30 | - | - | - | - | - | 2 | - | - | - |

UNDER REGIONAL ADMINISTRATION

* Different Pupils
 1/ (Gr. 7 - 4 Hrs. 45 Min.)
 (Gr. 8 - 4 Hrs. 30 Min.)
 2/ Gr. 8 attended 12:30 to 4:30 in H.S.



| CITY OR TOWN | Hrs. 1. | Hrs. 2. | Hrs. 3. | Hrs. 4. | Hrs. 5. | Hrs. 6. | Hrs. 7. | Hrs. 8. | 9. | 10. | 11. | 12. | 13. |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|----|-----|-----|-----|------|
| Foxborough | - | - | 4 | 45 | 5 | 30 | 4 | 30 | - | 2 | 1 | 1 | - |
| Framingham | - | - | 5 | 45 | 5 | 45 | 5 | 45 | - | 1 | 1 | 1 | - |
| Franklin | - | - | 5 | 15 | 5 | 15 | 5 | 50 | - | 2 | 2 | - | - |
| Freetown | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Gardner | - | - | 5 | - | 6 | - | 5 | - | - | 2 | 1 | 1 | - |
| Gay Head | - | - | 5 | 15 | - | - | 4 | 50 | - | 2 | - | - | - |
| Georgetown | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Gill | - | - | 5 | 30 | - | - | 5 | - | - | 2 | - | - | - |
| Gloucester | - | - | 5 | - | - | - | - | - | - | 1 | - | - | - |
| Goshen | - | - | 5 | 30 | - | - | - | - | - | 2 | - | - | - |
| Gosnold | - | - | 6 | - | - | - | - | - | - | 2 | - | - | - |
| Grafton | - | - | 5 | - | 5 | 30 | 5 | 30 | - | 2 | 1 | 1 | - |
| Granby | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Granville | - | - | 5 | 15 | - | - | - | - | - | 2 | - | - | - |
| Great Barrington | - | - | 5 | - | - | - | 6 | 25 | - | 2 | - | - | - |
| Greenfield | 2 | 15 | 5 | - | 5 | 35 | 5 | 50 | 1 | 2 | 1 | 1 | - |
| Groton | - | - | 5 | - | 6 | - | 6 | - | - | 1 | 1 | - | - |
| Groveland | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Hadley | 3 | - | 6 | 15 | - | - | 6 | 15 | 2 | 1 | - | 1 | Kgn. |
| Halifax | - | - | 6 | - | - | - | - | - | - | 1 | - | - | - |
| Hamilton | 2 | 30 | 5 | 30 | - | - | 5 | 30 | 1 | 1 | 1 | - | Kgn. |
| Hampden | - | - | 5 | 30 | - | - | - | - | - | 1 | - | - | - |
| Hancock | - | - | 5 | - | - | - | - | - | - | 1 | - | - | - |
| Hanover | - | - | 5 | 30 | 5 | 30 | 5 | 30 | - | 1 | 1 | 1 | - |
| Hanson | - | - | 5 | 30 | 5 | 30 | 5 | 30 | - | 1 | 1 | 1 | - |
| Hardwick | - | - | 5 | 45 | - | - | 6 | 15 | - | 2 | - | 1 | - |
| Harvard | - | - | 5 | 30 | - | - | 6 | 30 | - | 1 | - | 1 | - |
| Harwich | 2 | 30 | 5 | 30 | 5 | 30 | 5 | 30 | 1 | 1 | 1 | 1 | - |
| Hatfield | - | - | 5 | - | - | - | 5 | 15 | - | 2 | - | 2 | - |

* Different Pupils 1/ Three schools - 1 session; all others 2 sessions.

1907

1. *How do you feel about the way the company is doing?*

Figure 1. The effect of the concentration of the *Agaricus bisporus* spores on the growth of *Agaricus bisporus* on the substrate. The concentration of the spores was 10⁴ spores/ml (□), 10⁵ spores/ml (△), 10⁶ spores/ml (○), 10⁷ spores/ml (◇), 10⁸ spores/ml (×), 10⁹ spores/ml (▽), 10¹⁰ spores/ml (◇), 10¹¹ spores/ml (×), 10¹² spores/ml (▽), 10¹³ spores/ml (◇), 10¹⁴ spores/ml (×), 10¹⁵ spores/ml (▽), 10¹⁶ spores/ml (◇), 10¹⁷ spores/ml (×), 10¹⁸ spores/ml (▽), 10¹⁹ spores/ml (◇), 10²⁰ spores/ml (×), 10²¹ spores/ml (▽), 10²² spores/ml (◇), 10²³ spores/ml (×), 10²⁴ spores/ml (▽), 10²⁵ spores/ml (◇), 10²⁶ spores/ml (×), 10²⁷ spores/ml (▽), 10²⁸ spores/ml (◇), 10²⁹ spores/ml (×), 10³⁰ spores/ml (▽), 10³¹ spores/ml (◇), 10³² spores/ml (×), 10³³ spores/ml (▽), 10³⁴ spores/ml (◇), 10³⁵ spores/ml (×), 10³⁶ spores/ml (▽), 10³⁷ spores/ml (◇), 10³⁸ spores/ml (×), 10³⁹ spores/ml (▽), 10⁴⁰ spores/ml (◇), 10⁴¹ spores/ml (×), 10⁴² spores/ml (▽), 10⁴³ spores/ml (◇), 10⁴⁴ spores/ml (×), 10⁴⁵ spores/ml (▽), 10⁴⁶ spores/ml (◇), 10⁴⁷ spores/ml (×), 10⁴⁸ spores/ml (▽), 10⁴⁹ spores/ml (◇), 10⁵⁰ spores/ml (×), 10⁵¹ spores/ml (▽), 10⁵² spores/ml (◇), 10⁵³ spores/ml (×), 10⁵⁴ spores/ml (▽), 10⁵⁵ spores/ml (◇), 10⁵⁶ spores/ml (×), 10⁵⁷ spores/ml (▽), 10⁵⁸ spores/ml (◇), 10⁵⁹ spores/ml (×), 10⁶⁰ spores/ml (▽), 10⁶¹ spores/ml (◇), 10⁶² spores/ml (×), 10⁶³ spores/ml (▽), 10⁶⁴ spores/ml (◇), 10⁶⁵ spores/ml (×), 10⁶⁶ spores/ml (▽), 10⁶⁷ spores/ml (◇), 10⁶⁸ spores/ml (×), 10⁶⁹ spores/ml (▽), 10⁷⁰ spores/ml (◇), 10⁷¹ spores/ml (×), 10⁷² spores/ml (▽), 10⁷³ spores/ml (◇), 10⁷⁴ spores/ml (×), 10⁷⁵ spores/ml (▽), 10⁷⁶ spores/ml (◇), 10⁷⁷ spores/ml (×), 10⁷⁸ spores/ml (▽), 10⁷⁹ spores/ml (◇), 10⁸⁰ spores/ml (×), 10⁸¹ spores/ml (▽), 10⁸² spores/ml (◇), 10⁸³ spores/ml (×), 10⁸⁴ spores/ml (▽), 10⁸⁵ spores/ml (◇), 10⁸⁶ spores/ml (×), 10⁸⁷ spores/ml (▽), 10⁸⁸ spores/ml (◇), 10⁸⁹ spores/ml (×), 10⁹⁰ spores/ml (▽), 10⁹¹ spores/ml (◇), 10⁹² spores/ml (×), 10⁹³ spores/ml (▽), 10⁹⁴ spores/ml (◇), 10⁹⁵ spores/ml (×), 10⁹⁶ spores/ml (▽), 10⁹⁷ spores/ml (◇), 10⁹⁸ spores/ml (×), 10⁹⁹ spores/ml (▽), 10¹⁰⁰ spores/ml (◇).

... and the ...

— 1 —

Journal of Management Studies, 19(1), 67-80.

1. *Phragmites australis* (Cav.) Trin. ex Steud.

... ..

$\frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx = \frac{1}{\sqrt{\pi}} \int_{-\infty}^{\infty} f(x) e^{-x^2} dx$

...and the fact that the ...

1. *Staphylococcus aureus* 2. *Staphylococcus epidermidis* 3. *Staphylococcus saprophyticus* 4. *Staphylococcus carnosus* 5. *Staphylococcus sciuri* 6. *Staphylococcus hyicus* 7. *Staphylococcus aureus* 8. *Staphylococcus aureus* 9. *Staphylococcus aureus* 10. *Staphylococcus aureus* 11. *Staphylococcus aureus* 12. *Staphylococcus aureus* 13. *Staphylococcus aureus* 14. *Staphylococcus aureus* 15. *Staphylococcus aureus* 16. *Staphylococcus aureus* 17. *Staphylococcus aureus* 18. *Staphylococcus aureus* 19. *Staphylococcus aureus* 20. *Staphylococcus aureus* 21. *Staphylococcus aureus* 22. *Staphylococcus aureus* 23. *Staphylococcus aureus* 24. *Staphylococcus aureus* 25. *Staphylococcus aureus* 26. *Staphylococcus aureus* 27. *Staphylococcus aureus* 28. *Staphylococcus aureus* 29. *Staphylococcus aureus* 30. *Staphylococcus aureus* 31. *Staphylococcus aureus* 32. *Staphylococcus aureus* 33. *Staphylococcus aureus* 34. *Staphylococcus aureus* 35. *Staphylococcus aureus* 36. *Staphylococcus aureus* 37. *Staphylococcus aureus* 38. *Staphylococcus aureus* 39. *Staphylococcus aureus* 40. *Staphylococcus aureus* 41. *Staphylococcus aureus* 42. *Staphylococcus aureus* 43. *Staphylococcus aureus* 44. *Staphylococcus aureus* 45. *Staphylococcus aureus* 46. *Staphylococcus aureus* 47. *Staphylococcus aureus* 48. *Staphylococcus aureus* 49. *Staphylococcus aureus* 50. *Staphylococcus aureus* 51. *Staphylococcus aureus* 52. *Staphylococcus aureus* 53. *Staphylococcus aureus* 54. *Staphylococcus aureus* 55. *Staphylococcus aureus* 56. *Staphylococcus aureus* 57. *Staphylococcus aureus* 58. *Staphylococcus aureus* 59. *Staphylococcus aureus* 60. *Staphylococcus aureus* 61. *Staphylococcus aureus* 62. *Staphylococcus aureus* 63. *Staphylococcus aureus* 64. *Staphylococcus aureus* 65. *Staphylococcus aureus* 66. *Staphylococcus aureus* 67. *Staphylococcus aureus* 68. *Staphylococcus aureus* 69. *Staphylococcus aureus* 70. *Staphylococcus aureus* 71. *Staphylococcus aureus* 72. *Staphylococcus aureus* 73. *Staphylococcus aureus* 74. *Staphylococcus aureus* 75. *Staphylococcus aureus* 76. *Staphylococcus aureus* 77. *Staphylococcus aureus* 78. *Staphylococcus aureus* 79. *Staphylococcus aureus* 80. *Staphylococcus aureus* 81. *Staphylococcus aureus* 82. *Staphylococcus aureus* 83. *Staphylococcus aureus* 84. *Staphylococcus aureus* 85. *Staphylococcus aureus* 86. *Staphylococcus aureus* 87. *Staphylococcus aureus* 88. *Staphylococcus aureus* 89. *Staphylococcus aureus* 90. *Staphylococcus aureus* 91. *Staphylococcus aureus* 92. *Staphylococcus aureus* 93. *Staphylococcus aureus* 94. *Staphylococcus aureus* 95. *Staphylococcus aureus* 96. *Staphylococcus aureus* 97. *Staphylococcus aureus* 98. *Staphylococcus aureus* 99. *Staphylococcus aureus* 100. *Staphylococcus aureus*

1. *Phragmites australis* (Cav.) Trin. ex Steud.

| CITY OR TOWN | Hrs. 1. | Min. 2. | Hrs. 3. | Min. 4. | Hrs. 5. | Min. 6. | Hrs. 7. | Min. 8. | 9. | 10. | 11. | 12. | 13. |
|--------------|---------|---------|---------|---------|---------|---------|---------|---------|----|-----|-----|-----|----------------------|
| Haverhill | - | - | (4) | 45) | - | - | 5 | 30 | - | 2- | - | 1 | - |
| Hawley | - | - | (5) | - | - | - | - | - | - | - | - | - | - |
| Heath | - | - | 6 | - | - | - | 6 | 25 | - | 1 | - | 1 | - |
| Hingham | 2 | 30 | 5 | - | 5 | 45 | 6 | 10 | 1 | 2 | 1 | 1 | Kgn. |
| Hinsdale | - | - | 5 | 30 | - | 10 | 6 | 10 | - | 1 | 1 | 1 | - |
| Holbrook | - | - | 5 | - | 6 | - | - | - | - | 2 | 2 | 1 | - |
| Holden | - | - | 5 | - | 5 | - | - | - | - | 2 | 2 | 1 | - |
| Holland | - | - | 5 | 15 | - | - | - | - | - | 2 | 1 | 1 | - |
| Holliston | - | - | 5 | 45 | - | - | 6 | - | - | 1 | 1 | 1 | - |
| Holyoke | (2) | 45) | 5 | - | 5 | 30 | 5 | 45 | 1 | 2 | 1 | 1 | Kgn. |
| Hopedale | (1) | 50) | 4 | 45 | 5 | 15 | 5 | 55 | 1 | 2 | 2 | 1 | - |
| Hopkinton | 2 | 15 | 5 | 30 | 5 | 15 | 5 | 15 | - | 2 | 1 | 1 | - |
| Hubbardston | - | - | 5 | - | 5 | - | - | - | - | 2 | 1 | 1 | - |
| Hudson | - | - | 5 | 15 | - | - | 5 | - | - | 2 | 2 | 1 | - |
| Hull | 2 | 30 | 5 | 45 | 5 | 45 | 4 | - | 2 | 1 | 2 | 2 | Kgn. & Gr. 5, 6, 7-9 |
| Huntington | - | - | 5 | 15 | 5 | 30 | 5 | 30 | - | 2 | 2 | 2 | - |
| Ipswich | - | - | (4) | - | - | - | 4 | 45 | - | 1 | - | 1 | H.S. & Gr. 7&8 |
| Kingston | - | - | (5) | 30) | - | - | - | - | - | 1 | - | - | - |
| Lakeville | - | - | 6 | - | - | - | - | - | - | 1 | - | - | - |
| Lancaster | - | - | (5) | 10) | - | - | - | - | - | 1 | - | - | - |
| Lanesborough | - | - | (5) | 50) | - | - | 5 | 30 | - | 1 | - | 1 | - |
| Lawrence | 2 | 45 | 5 | 30 | - | - | 5 | 15 | 2 | 2 | - | 1 | Kgn. & Elem. |
| Lee | 2 | 30 | 4 | 45 | - | - | 5 | - | 1 | 2 | - | 2 | Kgn. |
| Leicester | - | - | 5 | 10 | - | - | 5 | 45 | - | 2 | - | 1 | - |
| Lenox | 2 | 30 | (5) | - | - | - | 4 | - | 2 | 2 | - | 2 | Kgn. |

* Different Pupils 1/ Under Regional Administration

[The text on this page is extremely faint and illegible due to the quality of the scan. It appears to be a multi-paragraph document with several lines of text per paragraph.]

| CITY OR TOWN | Hrs. 1. | Hrs. 2. | Hrs. 3. | Hrs. 4. | Hrs. 5. | Hrs. 6. | Hrs. 7. | Hrs. 8. | 9. | 10. | 11. | 12. | * |
|--------------------|---------|-------------|--------------|---------|---------|---------|----------|----------|--------------------|--------------------|-----|------------------|---|
| Leominster | (2) | (-) | 5 | - | 5 | 45 | 6 | - | 1 | 2 | 1 | 13. | |
| Leverett | (2) | 30) | 5 | 30 | - | - | - | - | - | 1 | - | - | |
| Lexington | - | - | 5 | 15 | - | - | 6 | - | - | 2 | - | - | |
| Leyden | - | - | 5 | 30 | - | - | - | - | - | 2 | - | - | |
| Lincoln | - | - | 5 | 40 | - | - | - | - | - | 1 | - | - | |
| Littleton | 2 | 15 | 5 | 30 | 4 | - | 4 | - | 2 | 1 | - | Kgn. | |
| Longmeadow | - | - | 5 | - | 5 | 5 | 5 | 10 | - | 2 | 1 | - | |
| Lowell | 3 | 45 | 5 | - | 5 | 30 | 5 | 30 | 1 | 2 | 1 | Kgn. & Elem. | |
| Ludlow | - | - | 4 | 50 | 5 | 25 | 5 | 30 | - | 1 & 2 1/2 | 1 | Jr. H. & H.S. | |
| Lunenburg | - | - | 6 | - | - | - | 6 | - | - | 1 | 1 | - | |
| Lynn | - | - | 5 | - | 6 | - | 6 | - | - | 2 | 1 | - | |
| Lynnfield | - | - | 5 | 45 | 7 | - | - | - | - | 1 | 1 | - | |
| Malden | 2 | 30 | 5 | - | 6 | - | 5 | 30 | 2 | 1 | 1 | Kgn. | |
| Manchester | 3 | - | 4 | 35 | - | - | 6 | - | 1 | 1 | 1 | Kgn. | |
| Mansfield | - | - | 5 | - | - | - | 5 | 20 | - | 2 | 1 | - | |
| Marblehead | 3 | - | 5 | - | 6 | - | 6 | - | 1 | 1 | 1 | - | |
| Marion | - | - | 5 | 45 | 5 | 45 | - | - | - | 2 | 1 | - | |
| Marlborough | 2 | 30 | 5 | - | 6 | - | 5 | 30 | 1 | 2 | 1 | Kgn. | |
| Marshfield | - | - | 6 | - | - | - | 6 | - | - | 1 | 1 | - | |
| Mashpee | - | - | 5 | - | - | - | - | - | - | 2 | - | - | |
| Mattapoisett | - | - | 5 | - | 5 | - | - | - | - | 1 | 1 | - | |
| Maynard | - | - | 5 | - | - | - | 5 | - | - | 2 | - | - | |
| Medfield | - | - | 5 | 10 | 5 | 10 | 5 | 10 | - | 1 | 1 | - | |
| Medford | 2 | 30 | (5) | 30 2/3 | 5 | 30 | 5 | 30 | 1 | 2 | 1 | Kgn. | |
| Medway | 2 | - | 5 | - | - | - | 5 | - | 2 | 2 | 1 | Kgn. | |
| Melrose | 2 | 30 | 4 | 30 4/5 | - | - | 6 | 15 | 1 | (1 Gr. 7, 8) | 1 | Kgn. | |
| Mendon | - | - | 5 | - | - | - | 5 | - | - | (2 Gr. 1-6) | 1 | - | |
| Merrimac | - | - | (5 Gr. 1-6) | 30 | 4 | 30 | 4 | 30 | - | 2 | 1 | (Gr. 7 & 8 A.M.) | |
| | | | (4 Gr. 7&8) | 30 | - | - | 5 | - | - | (2 Gr. 1-6) | 1 | (Gr. 9 -12 P.M.) | |
| * Different Pupils | 1/ | Gr. 1-4 - 2 | Gr. 5, 6 - 1 | 2/ | 3/ | 4/ | (3 days) | (2 days) | Gr. 5 & 6 - 5 Hrs; | Gr. 7 & 8 - 6 Hrs. | | | |

| CITY OR TOWN | Hrs. 1. | Hrs. 2. | Hrs. 3. | Hrs. 4. | Hrs. 5. | Hrs. 6. | Hrs. 7. | Hrs. 8. | 9. | 10. | 11. | 12. | * |
|-----------------|---------|---------|---------|-------------------------------|---------|---------|---------|---------|----|-------|-----|-----|------|
| Methuen | - | - | 5 | - | - | - | 5 | 15 | - | 2 | - | 1 | - |
| Middleborough | - | - | 5 | - | - | - | 6 | - | - | 2 | - | 1 | - |
| Middlefield | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Middleton | - | - | 5 | 40 | - | - | - | - | - | 1 | - | - | - |
| Milford | 3 | 15 | 5 | 15 | - | - | 5 | 30 | 1 | 2 | - | 1 | - |
| Millbury | - | - | 5 | 15 | 50 | - | 5 | 50 | - | 2 | - | 1 | - |
| Millis | 2 | 30 | 5 | - | 30 | - | 5 | 30 | - | 1 | 1 | 1 | - |
| Millville | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Milton | 3 | - | 5 | - | 6 | - | 6 | - | 1 | 1 & 2 | 1 | 1 | Kgn. |
| Monroe | - | - | 5 | 30 | - | - | - | - | - | 2 | - | - | - |
| Monson | - | - | 6 | - | - | - | 6 | - | - | 2 | - | 2 | - |
| Montague | 2 | - | 5 | - | - | - | 5 | 15 | 1 | 2 | - | 1 | Kgn. |
| Monterey | - | - | - | UNDER REGIONAL ADMINISTRATION | | | | | - | - | - | - | - |
| Montgomery | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Mt. Washington | - | - | - | - | - | - | - | - | - | - | - | - | - |
| Nahant | 2 | 30 | (4 | 30) | 6 | - | - | - | 1 | 1 | 1 | - | - |
| Nantucket | - | - | (5 | - | - | - | - | 50 | - | 2 | - | 1 | - |
| Natick | - | - | 5 | - | - | - | 5 | - | - | 2 | 1 | 1 | Kgn. |
| Needham | - | - | # | - | - | - | 6 | - | 2 | 2 | 1 | 1 | - |
| New Ashford | 2 | 15 | 5 | 30 | 6 | - | 6 | - | - | 1 | 1 | 1 | - |
| New Bedford | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| New Bedford | 3 | - | 5 | - | 5 | - | 5 | - | 1 | 2 | 1 | 1 | - |
| New Braintree | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Newbury | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Newburyport | - | - | 5 | - | - | - | 5 | 30 | - | 2 | - | 1 | - |
| New Marlborough | - | - | - | UNDER REGIONAL ADMINISTRATION | | | | | - | - | - | - | - |
| New Salem | - | - | 5 | 30 | 5 | 30 | 5 | 45 | - | 1 | 1 | 1 | - |
| Newton | 3 | 30 | (3 | 30 | 6 | - | 6 | - | 2 | (1 | 1 | 1 | Kgn. |
| | 2 | - | (2 | - | - | - | - | - | - | (2 | - | - | - |

* Different Pupils

1/ Center School - 5 Hrs. 20 Min. 1 session
Gr. 1-4 - 4 Hrs. 45 Min. - 2 sessions
Gr. 7,8 - 6 Hrs. - 1 session

2/ P.M. - Mon., Wed., and Fri.
3/ Tues., Thurs. - 1 session
4/ Mon., Wed. and Fri. - 2 Sessions

2 Hrs. 45 Min. - A.M.
2 Hrs. - P.M.

| CITY OR TOWN | Hrs. 1. | Hrs. 2. | Hrs. 3. | Hrs. 4. | Hrs. 5. | Hrs. 6. | Hrs. 7. | Hrs. 8. | 9. | 10. | 11. | 12. | 13. |
|--------------------|---------|---------|---------|---------|---------|---------|---------|------------|----|--------------------------|-----|-----|-------|
| Norfolk | - | - | 5 | - | - | - | - | - | - | 1 | - | - | - |
| North Adams | 4 | 30 | 5 | - | - | - | 6 | - | 2 | 2 | - | 1 | - |
| Northampton | 3 | - | 5 | - | - | - | 6 | - | 1 | 2 | - | 1 | - |
| North Andover | - | - | 5 | 30 | - | - | 5 | 45 | - | 2 | - | 1 | - |
| North Attleborough | 2 | 30 | 5 | - | 5 | 30 | 5 | 30 | 1 | 2 | 1 | 1 | Kgn. |
| Northborough | - | - | 4 | 45 | - | - | 5 | 15 | - | 2 | - | 2 | - |
| Northbridge | 2 | 30 | 6 | - | 6 | - | 6 | - | 1 | 1 | 1 | 1 | - |
| North Brookfield | 3 | - | 5 | 5 | - | 30 | 5 | 10 | 1 | 2 | 1 | 1 | - |
| Northfield | - | - | 5 | 30 | 5 | - | 5 | 30 | - | 2 | - | 1 | - |
| North Reading | - | - | 4 | - | 4 | - | - | - | - | 1 | 2 | - | - |
| Norton | - | - | 5 | - | 5 | 45 | 5 | 45 | - | 1 | 1 | 1 | - |
| Norwell | - | - | 5 | 30 | 5 | 30 | 5 | 30 | - | 1 | 1 | 1 | - |
| Norwood | 2 | - | 4 | 13 | 5 | 33 | 5 | 5 | 2 | 2 | 2 | 1 | Kgn. |
| Oak Bluffs | 2 | 30 | 5 | 15 | - | - | 5 | 15 | 1 | 2 | - | 2 | - |
| Oakham | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Orange | - | - | 5 | - | - | - | 5 | 45 | - | 2 | - | 1 | - |
| Orleans | - | - | 5 | - | 6 | - | 6 | - | - | 1 | - | 1 | - |
| Otis | - | - | 6 | 30 | - | - | - | - | - | 2 | - | - | - |
| Oxford | - | - | 5 | - | - | - | 5 | 30 | - | (1 Gr. 7,8
2 Gr. 1-6) | - | 1 | - |
| Palmer | - | - | 5 | - | - | - | 5 | 30 | - | 2 | - | 1 | - |
| Paxton | - | - | 5 | 30 | - | - | 5 | - | - | 2 | - | - | - |
| Peabody | 3 | 15 | 5 | 15 | - | - | 5 | 15 | 1 | 1 | - | 1 | - |
| Pelham | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Pembroke | - | - | 5 | - | - | - | - | - | - | 1 | - | - | - |
| Pepperell | - | - | 6 | - | - | - | - | - | - | 2 | - | - | Elem. |
| Peru | - | - | 5 | 25 | 4 | - | 4 | 20 Gr. 6-8 | - | 2 | 1 | 1 | - |
| Petersham | - | - | 5 | 30 | - | - | 5 | 15 | - | 2 | - | 2 | - |
| Phillipston | - | - | 5 | 15 | - | - | 5 | - | - | 2 | - | - | - |
| Pittsfield | - | - | 5 | - | 6 | - | 6 | - | 1 | 2 | 1 | 1 | Kgn. |
| | | | (3) | 30) | | | | | | | | | |
| | | | (1) | | | | | | | | | | |

* Different Pupils

1. The first part of the document discusses the importance of maintaining accurate records of all transactions. It emphasizes that proper record-keeping is essential for the transparency and accountability of the organization. This section also outlines the various methods used to collect and analyze data, ensuring that the information is reliable and up-to-date.

2. The second part of the document focuses on the implementation of the proposed changes. It details the steps involved in the transition process, from the initial planning phase to the final execution. This section also addresses the potential challenges that may arise during the implementation and provides strategies to overcome them.

3. The third part of the document discusses the impact of the proposed changes on the organization's overall performance. It highlights the expected benefits, such as increased efficiency and cost savings, and provides a detailed analysis of the potential risks. This section also includes a timeline for the implementation of the changes and a list of the key personnel responsible for each stage of the process.

4. The fourth part of the document provides a summary of the findings and conclusions. It reiterates the importance of the proposed changes and the need for continued monitoring and evaluation. This section also includes a list of recommendations for future research and a final statement of the author's conclusions.

| CITY OR TOWN | Hrs. 1. | Min. 2. | Hrs. 3. | Min. 4. | Hrs. 5. | Min. 6. | Hrs. 7. | Min. 8. | 9. | 10. | 11. | 12. | * |
|--------------|---------|---------|---------|---------|---------|---------|---------|---------|----|-----|-----|-----|----------------|
| Plainfield | - | - | 5 | 30 | - | - | - | - | - | 2 | - | - | 13. |
| Plainville | - | - | 5 | - | - | - | 5 | - | - | 2 | - | 1 | - |
| Plymouth | - | - | (4 | 30) | 5 | 30 | 5 | 30 | - | 2 | 1 | 1 | - |
| | | | (5 | -) | - | - | - | - | - | 1 | - | - | - |
| Plympton | - | - | 6 | - | - | - | - | - | - | 1 | - | - | - |
| Princeton | - | - | 5 | - | 5 | 30 | - | - | - | 2 | 2 | - | - |
| Provincetown | - | - | 5 | 20 | 5 | 30 | 5 | 30 | - | 1 | 1 | 1 | - |
| Quincy | 2 | 30 | 5 | - | 6 | - | 6 | - | 1 | 2 | 1 | 1 | Kgn. |
| Randolph | - | - | 5 | - | 4 | - | 5 | - | - | 2 | 2 | 1 | Elem. & Jr. H. |
| Raynham | - | - | 5 | - | - | 1 | - | - | - | 2 | - | 1 | - |
| Reading | - | - | 4 | 45 | - | - | 6 | - | - | 2 | - | 1 | - |
| Rehoboth | - | - | 5 | - | 5 | - | - | - | - | 2 | 2 | 1 | - |
| Revere | - | - | 5 | - | 5 | - | 5 | - | - | 2 | 1 | 1 | - |
| Richmond | - | - | 5 | 15 | - | - | - | - | - | 2 | - | 1 | - |
| Rochester | - | - | 5 | 50 | - | - | - | - | - | 2 | - | 1 | - |
| Rockland | - | - | 5 | - | 5 | - | 5 | - | - | 1 | 1 | 1 | - |
| Rockport | 2 | 30 | 5 | - | 6 | - | 6 | - | 1 | 2 | 1 | 1 | Kgn. |
| Rowe | - | - | 6 | 30 | - | - | - | - | - | 1 | - | - | - |
| Rowley | - | - | 4 | 35 | - | - | - | - | - | 2 | - | - | - |
| Royalston | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Russell | - | - | 5 | 15 | - | - | - | - | - | 2 | - | - | - |
| Rutland | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - |
| Salem | 3 | - | 5 | 15 | - | - | 5 | - | 1 | 1 | - | 1 | - |
| Salisbury | 3 | - | 5 | - | - | - | - | - | 1 | 2 | - | - | - |
| Sandisfield | - | - | 5 | 15 | - | - | - | - | - | 2 | - | - | - |
| Sandwich | - | - | 5 | 10 | - | - | 5 | 15 | - | 2 | - | 1 | - |
| Saugus | - | - | 5 | 10 | - | - | 6 | - | - | 1 | - | 1 | - |
| Savoy | - | - | 5 | 30 | - | - | - | - | - | 2 | - | 1 | - |
| Scituate | 2 | 30 | - | 2 | 6 | 45 | 6 | 45 | 2 | 1 | 1 | 1 | Elem. 2/ |

* Different Pupils

1/ Grs. 1-4, 5 Hrs.
Grs. 5-8, 4 Hrs.

2/ Grs. 1-3, 5 1/2 Hrs.; Gr. 4 - 6, 6 Hrs.

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the 1990s, the number of people in the world who are undernourished has declined from 1.1 billion to 800 million. The number of people who are malnourished has declined from 1.5 billion to 1 billion. The number of people who are obese has increased from 100 million to 300 million. The number of people who are overweight has increased from 100 million to 300 million. The number of people who are obese and overweight has increased from 100 million to 300 million. The number of people who are obese and overweight has increased from 100 million to 300 million.

| CITY OR TOWN | Hrs. 1. | Hrs. 2. | Hrs. 3. | Hrs. 4. | Hrs. 5. | Hrs. 6. | Hrs. 7. | Hrs. 8. | 9. | 10. | 11. | 12. | 13. | * |
|--------------|---------|---------|---------|---------|---------|---------|---------|---------|----|-----|-----|-----|-----------------------------------|--------------------|
| Seekonk | - | - | 5 | - | 5 | - | - | - | - | 2 | 2 | - | - | Kgn. & Gr. 1 Temp. |
| Sharon | 2 | 30 | 5 | - | 6 | - | 6 | - | 1 | 2 | 2 | 2 | - | - |
| Sheffield | - | - | 6 | - | - | - | 7 | - | - | 2 | - | 1 | - | - |
| Shelburne | - | - | 5 | - | - | - | 5 | 35 | - | 2 | - | 2 | - | - |
| Sherborn | 3 | - | 5 | 30 | 5 | 30 | - | - | 1 | 2 | 1 | - | - | - |
| Shirley | - | - | 5 | 15 | - | - | - | - | - | 2 | - | - | - | Elem. |
| Shrewsbury | - | - | 4 | 45 | 5 | 20 | 5 | 22 | - | 2 | 2 | 2 | - | - |
| Shutesbury | - | - | 5 | 30 | - | - | - | - | - | 1 | - | - | - | - |
| Somerset | - | - | 5 | 15 | 6 | - | 6 | - | - | 2 | 1 | 1 | - | - |
| Somerville | (3) | (-) | 5 | - | 5 | 30 | 5 | 30 | 2 | 2 | 1 | 1 | (Kgn. 3 Hrs. A.M.
2 Hrs. P.M.) | - |
| Southampton | - | - | 5 | - | 5 | - | - | - | - | 2 | 2 | - | - | - |
| Southborough | - | - | 5 | 10 | - | - | 5 | 13 | - | 2 | - | 2 | - | - |
| Southbridge | - | - | 5 | - | - | - | 5 | 45 | - | 2 | - | 1 | - | - |
| South Hadley | - | - | 5 | - | - | - | 5 | - | - | 2 | 1 | 1 | - | - |
| Southwick | - | - | 4 | - | 6 | 30 | 6 | - | - | 2 | 2 | 2 | - | - |
| Spencer | 2 | 30 | 5 | - | 5 | - | 5 | 15 | 1 | 2 | 2 | 2 | - | Grs. 1 & 2 |
| Springfield | 4 | 45 | (4) | 55) | 6 | - | 6 | 15 | 2 | 2 | 2 | 1 | - | Elem. 2/ |
| Sterling | - | - | (5) | 15) | - | - | - | - | - | 2 | - | - | - | - |
| Stockbridge | 2 | 30 | 5 | - | 5 | 30 | 6 | - | 1 | 2 | 1 | 1 | - | - |
| Stoneham | - | - | 5 | 30 | 5 | 50 | 5 | 50 | - | 1 | 1 | 1 | - | - |
| Stoughton | - | - | 5 | - | 6 | - | 6 | 30 | - | 1 | 1 | 1 | - | - |
| Stow | - | - | 5 | 30 | 6 | 30 | 4/6 | - | - | 2 | 1 | 1 | - | - |
| Sturbridge | - | - | 5 | 15 | - | 15 | - | - | - | 2 | - | - | - | - |
| Sudbury | - | - | 5 | 5/ | 5/ | - | - | - | - | 2 | - | - | - | - |
| Sunderland | - | - | 5 | - | - | - | - | - | - | 2 | 1 | - | - | - |
| Sutton | - | - | 5 | - | 5 | 30 | 5 | 30 | - | 2 | 1 | 1 | - | - |
| Swampscott | 2 | 30 | (4) | - | - | - | 5 | 45 | 1 | 1 | - | 1 | - | Kgn. |
| Swansea | - | - | (4) | 30) | 6 | - | 6 | - | - | 2 | 1 | 1 | - | - |

* Different Pupils

| | | |
|----------------------|---|-------------------------------|
| 1/ Gr. 1 & 2, 4 Hrs. | 2/ Gr. 1 & 2, 1 Session | 2/ Emergency 2 Hrs. 45 Min. & |
| Gr. 3 - 6, 5 Hrs. | Gr. 3 - 6, 2 Sessions | 2 Hrs. 8 Min. |
| 4/ Gr. 6 - 8 | 5/ Gr. 1, 2 - 5 Hrs. - 10 Min.; 3-6, - 5 Hrs., 40 Min.; Gr. 7, 8-6 Hrs., 5 Min. | |

THE [illegible] OF [illegible]

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[illegible]

[illegible]

| CITY OR TOWN | Hrs. 1. | Min. 2. | Hrs. 3. | Min. 4. | Hrs. 5. | Min. 6. | Hrs. 7. | Min. 8. | 9. | 10. | 11. | 12. | * |
|--------------|---------|---------|---------|---------|---------|---------|---------|---------|----|-----|-----|-----|---|
| Taunton | - | - | 5 | - | - | - | 5 | 15 | - | 2 | - | 1 | - |
| Templeton | - | - | 5 | - | 4 | 30 | 4 | 25 | - | 2 | 1 | 1 | - |
| Tewksbury | - | - | 6 | - | 4 | - | 5 | - | - | 1 | 1 | 1 | - |
| Tisbury | 2 | 30 | 5 | 15 | - | - | 5 | 15 | 1 | 2 | - | 2 | - |
| Tolland | 2 | 15 | 5 | 15 | - | - | - | - | 1 | 2 | - | - | - |
| Topsfield | 3 | 15 | 5 | 50 | 6 | - | 6 | - | 1 | 1 | 1 | 1 | - |
| Townsend | - | - | 4 | - | 4 | 30 | 4 | 30 | - | 1 | 1 | 1 | - |
| Truro | - | - | 5 | 30 | - | - | - | - | - | 1 | - | - | - |
| Tyngsborough | - | - | 5 | 45 | - | - | - | - | - | 1 | - | - | - |
| Tyringham | - | - | 5 | 30 | - | - | - | - | - | 2 | - | - | - |
| Upton | - | 15 | 5 | - | - | - | - | - | 2 | 2 | - | - | - |
| Uxbridge | 2 | - | 5 | 30 | 5 | 30 | 5 | 30 | - | 1 | 1 | 1 | - |
| Wakefield | - | - | 5 | - | 6 | - | 6 | - | - | 2 | 1 | 1 | - |
| Wales | - | - | 6 | - | - | - | - | - | - | 2 | - | - | - |
| Walpole | - | - | 5 | 15 | 5 | - | 5 | - | - | 1 | 1 | 1 | - |
| Waltham | 2 | - | 5 | - | 5 | - | 5 | 30 | 1 | 1 | 1 | 1 | - |
| Ware | - | - | 5 | - | - | - | 5 | - | - | 2 | - | - | - |
| Wareham | - | - | 6 | - | - | - | 6 | - | - | 2 | - | - | - |
| Warren | - | - | 6 | 30 | - | - | 5 | 20 | - | 2 | - | - | - |
| Warwick | - | - | 5 | 30 | - | - | - | - | - | 2 | - | - | - |
| Washington | - | - | 5 | 30 | - | - | - | - | - | 2 | - | - | - |
| Watertown | 2 | - | (4 | 30) | 5 | 45 | 5 | 45 | 1 | 1 | 1 | 1 | - |
| Wayland | - | - | (4 | 30) | - | - | - | - | - | 1 | - | - | - |
| Webster | 2 | 30 | 5 | 10 | - | - | 6 | 15 | - | 1 | 1 | 1 | - |
| Wellesley | 3 | 30 | 5 | - | 6 | - | 6 | - | - | 2 | 1 | 1 | - |
| Wellfleet | - | - | 5 | 15 | 5 | 45 | 6 | - | 2 | 2 | 1 | 1 | - |
| Wendell | - | - | 5 | - | 5 | - | 5 | - | - | 1 | 1 | 1 | - |
| Wenham | - | - | 6 | 30 | - | - | - | - | - | 1 | - | - | - |

* Different Pupils 1/ 1 Elem. single session only.

Kgn., also 1/

1. The first part of the document is a list of names and addresses of the members of the committee.

2. The second part of the document is a list of the names and addresses of the members of the committee.

3. The third part of the document is a list of the names and addresses of the members of the committee.

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14. The fourteenth part of the document is a list of the names and addresses of the members of the committee.

15. The fifteenth part of the document is a list of the names and addresses of the members of the committee.

16. The sixteenth part of the document is a list of the names and addresses of the members of the committee.

17. The seventeenth part of the document is a list of the names and addresses of the members of the committee.

18. The eighteenth part of the document is a list of the names and addresses of the members of the committee.

| CITY OR TOWN | Hrs. 1. | Hrs. 2. | Hrs. 3. | Hrs. 4. | Hrs. 5. | Hrs. 6. | Hrs. 7. | Hrs. 8. | 9. | 10. | 11. | 12. | 13. | * |
|------------------|---------|---------|---------|---------|---------|---------|---------|---------|----|-------|-----|-----|--------------------------------------|---|
| Westborough | - | - | 5 | 15 | - | - | 5 | 15 | - | 2 | - | 2 | - | - |
| West Boylston | 2 | 30 | 5 | - | - | - | - | - | 1 | 2 | - | - | - | - |
| West Bridgewater | - | - | 6 | - | 6 | - | 6 | - | - | 2 | 1 | - | - | - |
| West Brookfield | - | - | 6 | 45 | - | - | - | - | 1 | 2 | - | - | Kgn. | - |
| Westfield | 2 | 30 | 5 | - | - | - | 5 | - | 1 | 2 | - | 1 | Kgn. | - |
| Westford | - | - | 4 | 50 | - | - | 5 | 45 | - | 2 | - | 1 | - | - |
| Westhampton | - | - | 5 | 30 | - | - | - | - | - | 1 | - | - | - | - |
| Westminster | - | - | 5 | - | 5 | - | - | - | - | 1 | - | - | - | - |
| West Newbury | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - | - |
| Weston | (2) | (30) | 5 | 30 | 6 | - | 6 | - | 2 | 1 | 1 | 1 | Kgn. | - |
| Westport | (2) | - | 6 | - | - | - | 6 | - | - | 1 | - | 1 | - | - |
| West Springfield | 2 | 15 | 5 | - | 5 | 45 | 5 | 45 | 1 | 2 | 1 | 1 | Kgn. | - |
| West Stockbridge | - | - | 5 | 15 | - | - | - | - | - | 2 | - | - | - | - |
| West Tisbury | - | - | 5 | 30 | - | - | - | - | - | 2 | - | - | - | - |
| Westwood | - | - | 5 | - | 5 | 30 | 5 | 30 | - | 1 | - | 1 | - | - |
| Weymouth | - | - | 5 | - | 6 | 15 | 6 | - | - | 2 | 1 | 1 | - | - |
| Whately | - | - | 5 | - | - | - | - | - | - | 2 | - | - | - | - |
| Whitman | - | - | 5 | - | - | - | 5 | 48 | - | 1 & 2 | - | 1 | (Gr. 1-6, 2 Ses.
(Gr. 7,8, 1 Ses. | - |
| Wilbraham | - | - | 5 | - | 5 | - | - | - | - | 2 | 2 | - | - | - |
| Williamsburg | - | - | 5 | 20 | - | - | 5 | 20 | - | 1 | - | 1 | Kgn., also 1/ | - |
| Williamstown | 2 | 30 | 5 | 30 | - | - | 4 | 30 | 2 | 1 | - | 2 | - | - |
| Wilmington | - | - | 5 | - | - | - | 5 | 30 | - | 2 | - | 1 | - | - |
| Winchendon | - | - | 5 | - | 5 | 30 | 5 | 30 | - | 2 | 1 | 1 | Kgn. | - |
| Winchester | (3) | (30) | 5 | - | 6 | - | 6 | - | 2 | 2 | 1 | 1 | - | - |
| Windsor | (2) | - | 5 | 30 | - | - | - | - | - | 2 | - | - | - | - |
| Winthrop | - | - | 4 | 30 | 5 | 40 | 5 | 30 | - | 2 | 1 | 1 | - | - |
| Woburn | - | - | 4 | 45 | 5 | 20 | 5 | 20 | - | 1 & 2 | 1 | 1 | Elem. 2/
Kgn. & Elem. | - |
| Worcester | (3) | - | 5 | - | 5 | 15 | 5 | 5 | 1 | 2 | 2 | 1 | - | - |

* Different Pupils

1/ H.S. 4½ Hrs. each session.
2/ 5 Elem. Schools - Single session only.

||

-14-

| CITY OR TOWN | Hrs. Min. | | | | | | | | | | 12. | 13. |
|--------------------|-----------|----|----|----|----|----|----|----|----|-----|-----|-----|
| | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | |
| Worthington | - | - | 5 | 30 | - | - | - | - | - | 1 | - | - |
| Wrentham | - | - | 6 | - | 6 | - | 6 | - | - | 2 | 2 | - |
| Yarmouth | - | - | 5 | - | - | - | 5 | - | - | 1 | - | - |
| REGIONS | | | | | | | | | | | | |
| Acton-Boxborough | - | - | - | - | 6 | 40 | 6 | 40 | - | - | 1 | - |
| Amherst-Pelham | - | - | - | - | 6 | 30 | 6 | 30 | - | - | 1 | - |
| Frontier | - | - | - | - | 4 | 50 | 4 | 50 | - | - | 1 | - |
| Hawlemont | - | - | 6 | 30 | - | - | - | - | - | 1 | - | - |
| Lincoln | - | - | - | - | - | - | 7 | - | - | - | - | - |
| Silver Lake | - | - | - | - | 6 | 15 | 6 | 15 | - | - | 1 | - |
| Southern Berkshire | - | - | 6 | - | - | - | 7 | - | - | 2 | - | - |
| Tantasqua | - | - | - | - | 6 | 30 | 6 | 30 | - | - | 1 | - |
| Wachusett | - | - | - | - | - | - | 6 | - | - | - | - | - |

RECAPITULATION

Length of School Day

School Year 1956-1957

KINDERGARTEN

| | | | |
|--------|---------|-------|----|
| 5 hrs. | 30 min. | ----- | 1 |
| 5 hrs. | | ----- | 1 |
| 4 hrs. | 45 min. | ----- | 1 |
| 4 hrs. | 30 min. | ----- | 1 |
| 3 hrs. | 30 min. | ----- | 2 |
| 3 hrs. | 15 min. | ----- | 3 |
| 3 hrs. | | ----- | 22 |
| 2 hrs. | 45 min. | ----- | 6 |
| 2 hrs. | 30 min. | ----- | 41 |
| 2 hrs. | 20 min. | ----- | 1 |
| 2 hrs. | 15 min. | ----- | 10 |
| 2 hrs. | | ----- | 15 |
| 1 hr. | 50 min. | ----- | 1 |

ELEMENTARY SCHOOLS

| | | | |
|--------|---------|-------|-----|
| 6 hrs. | 45 min. | ----- | 1 |
| 6 hrs. | 30 min. | ----- | 2 |
| 6 hrs. | 15 min. | ----- | 1 |
| 6 hrs. | | ----- | 27 |
| 5 hrs. | 50 min. | ----- | 4 |
| 5 hrs. | 45 min. | ----- | 11 |
| 5 hrs. | 40 min. | ----- | 2 |
| 5 hrs. | 30 min. | ----- | 61 |
| 5 hrs. | 25 min. | ----- | 2 |
| 5 hrs. | 20 min. | ----- | 4 |
| 5 hrs. | 15 min. | ----- | 33 |
| 5 hrs. | 10 min. | ----- | 9 |
| 5 hrs. | 5 min. | ----- | 3 |
| 5 hrs. | | ----- | 152 |
| 4 hrs. | 55 min. | ----- | 2 |
| 4 hrs. | 50 min. | ----- | 4 |
| 4 hrs. | 45 min. | ----- | 13 |
| 4 hrs. | 35 min. | ----- | 2 |
| 4 hrs. | 30 min. | ----- | 9 |
| 4 hrs. | 15 min. | ----- | 1 |
| 4 hrs. | | ----- | 8 |
| 3 hrs. | 30 min. | ----- | 2 |
| 3 hrs. | | ----- | 1 |
| 2 hrs. | | ----- | 1 |
| 1 hr. | 30 min. | ----- | 1 |

REGIONS

M/T/L/B - 200

| | | | |
|--------|---------|-------|---|
| 6 hrs. | 30 min. | ----- | 1 |
| 6 hrs. | | ----- | 1 |

Length of School Day Cont.

School Year 1956-1957

JUNIOR HIGH SCHOOLS

| | |
|----------------|----|
| 7 hrs. | 1 |
| 6 hrs. 45 min. | 1 |
| 6 hrs. 30 min. | 1 |
| 6 hrs. 15 min. | 3 |
| 6 hrs. 10 min. | 1 |
| 6 hrs. | 43 |
| 5 hrs. 50 min. | 2 |
| 5 hrs. 45 min. | 18 |
| 5 hrs. 40 min. | 1 |
| 5 hrs. 35 min. | 2 |
| 5 hrs. 30 min. | 32 |
| 5 hrs. 25 min. | 1 |
| 5 hrs. 20 min. | 2 |
| 5 hrs. 15 min. | 7 |
| 5 hrs. 10 min. | 1 |
| 5 hrs. 5 min. | 1 |
| 5 hrs. | 15 |
| 4 hrs. 30 min. | 4 |
| 4 hrs. | 6 |

HIGH SCHOOLS

| | |
|----------------|----|
| 7 hrs. | 1 |
| 6 hrs. 45 min. | 1 |
| 6 hrs. 30 min. | 3 |
| 6 hrs. 25 min. | 2 |
| 6 hrs. 15 min. | 9 |
| 6 hrs. 10 min. | 2 |
| 6 hrs. 5 min. | 1 |
| 6 hrs. | 56 |
| 5 hrs. 55 min. | 1 |
| 5 hrs. 50 min. | 8 |
| 5 hrs. 45 min. | 21 |
| 5 hrs. 40 min. | 1 |
| 5 hrs. 35 min. | 1 |
| 5 hrs. 30 min. | 45 |
| 5 hrs. 25 min. | 1 |
| 5 hrs. 20 min. | 6 |
| 5 hrs. 15 min. | 17 |
| 5 hrs. 10 min. | 2 |
| 5 hrs. 5 min. | 2 |
| 5 hrs. | 25 |
| 4 hrs. 50 min. | 1 |
| 4 hrs. 45 min. | 2 |
| 4 hrs. 30 min. | 5 |
| 4 hrs. 25 min. | 1 |
| 4 hrs. 20 min. | 1 |
| 4 hrs. 10 min. | 1 |
| 4 hrs. | 2 |

R E G I O N S

JUNIOR HIGH SCHOOLS

| | |
|----------------|---|
| 6 hrs. 40 min. | 1 |
| 6 hrs. 30 min. | 2 |
| 6 hrs. 15 min. | 1 |
| 4 hrs. 50 min. | 1 |

HIGH SCHOOLS

| | |
|----------------|---|
| 7 hrs. | 2 |
| 6 hrs. 40 min. | 1 |
| 6 hrs. 30 min. | 2 |
| 6 hrs. 15 min. | 1 |
| 6 hrs. | 1 |
| 4 hrs. 50 min. | 1 |

NUMBER OF SESSIONS

| <u>KINDERGARTEN</u> | <u>ELEMENTARY SCHOOLS</u> | <u>JUNIOR HIGH SCHOOLS</u> | <u>HIGH SCHOOLS</u> |
|---------------------|---------------------------|----------------------------|---------------------|
| <u>Sessions</u> | <u>Sessions</u> | <u>Sessions</u> | <u>Sessions</u> |
| <u>1 & 2</u> | <u>1 & 2</u> | <u>1 & 2</u> | <u>1 & 2</u> |
| 67 26 | 113 236 | 115 28 | 195 24 |

REGIONS

| <u>KINDERGARTEN</u> | <u>ELEMENTARY SCHOOLS</u> | <u>JUNIOR HIGH SCHOOLS</u> | <u>HIGH SCHOOLS</u> |
|---------------------|---------------------------|----------------------------|---------------------|
| <u>Sessions</u> | <u>Sessions</u> | <u>Sessions</u> | <u>Sessions</u> |
| <u>1 & 2</u> | <u>1 & 2</u> | <u>1 & 2</u> | <u>1 & 2</u> |
| - - | 1 1 | 5 - | 7 1 |

THE COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

Mrs. Alice M. Lyons, Chairman of the Board

Owen B. Kiernan

Commissioner of Education

Raymond A. FitzGerald

Deputy Commissioner of Education

John P. McMorrow, Director
Division of Research and Statistics

D E G R E E S

FULL-TIME PRINCIPALS, SUPERVISORS, AND TEACHERS

HOLDING DEGREES

FOR SCHOOL YEAR ENDING JUNE 30, 1957

1940-1941

1941-1942

1942-1943

1943-1944

1944-1945

1945-1946

1946-1947

1947-1948

1948-1949

1949-1950

-1-

| CITY
OR
TOWN | BACHELOR'S DEGREE | | | | MASTER'S DEGREE | | | | Total number of
Doctor's Degrees | Total number of
Degrees | Total Number of
Teachers in City
or Town | Percent of
Teachers holding
Degrees |
|--------------------|-------------------------------|-------------|------|-------|-----------------|-------------|------|-------|-------------------------------------|----------------------------|--|---|
| | Elem. | Jr.
High | High | Total | Elem. | Jr.
High | High | Total | | | | |
| | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. |
| Abington | 39 | - | 13 | 52 | 10 | - | 12 | 22 | - | 74 | 91 | 81.3 |
| Acton | 17 | - | - | 17 | 4 | - | - | 4 | - | 21 | 28 | 75.0 |
| Acushnet | 2 | - | - | 2 | - | - | - | - | - | 2 | 21 | 9.5 |
| Adams | 13 | 11 | 8 | 32 | 6 | 8 | 9 | 23 | - | 55 | 69 | 79.7 |
| Agawam | 38 | 9 | 12 | 59 | 5 | 15 | 12 | 32 | - | 91 | 128 | 71.1 |
| Alford | Under Regional Administration | | | | | | | | | | | |
| Amesbury | 15 | - | 16 | 31 | 5 | - | 10 | 15 | - | 46 | 63 | 73.0 |
| Amherst | 24 | - | - | 24 | 5 | - | - | 5 | - | 29 | 36 | 80.6 |
| Andover | 29 | 12 | 12 | 53 | 13 | 9 | 11 | 33 | 1 | 87 | 116 | 75.0 |
| Arlington | 85 | 26 | 27 | 138 | 24 | 32 | 31 | 87 | - | 225 | 297 | 75.8 |
| Ashburnham | 11 | - | - | 11 | - | - | - | - | - | 11 | 16 | 68.8 |
| Ashby | 8 | 4 | 3 | 15 | 1 | - | 2 | 3 | - | 18 | 19 | 94.7 |
| Ashfield | 4 | - | 3 | 7 | - | - | 1 | 1 | - | 8 | 12 | 66.7 |
| Ashland | 30 | 4 | 4 | 38 | 5 | 1 | 6 | 12 | - | 50 | 62 | 80.6 |
| Athol | 42 | - | 5 | 47 | 14 | - | 10 | 24 | - | 71 | 101 | 70.3 |
| Attleboro | 48 | 20 | 14 | 82 | 7 | 11 | 16 | 34 | 1 | 117 | 169 | 69.2 |
| Auburn | 46 | 12 | 18 | 76 | 14 | 4 | 15 | 33 | - | 109 | 118 | 92.4 |
| Avon | 10 | - | 3 | 13 | 4 | - | 4 | 8 | - | 21 | 24 | 87.5 |
| Ayer | 19 | - | 12 | 31 | 3 | - | 3 | 6 | - | 37 | 54 | 68.5 |
| Barnstable | 22 | 16 | 12 | 50 | 11 | 6 | 8 | 25 | - | 75 | 103 | 72.8 |
| Barre | 14 | - | 3 | 17 | 2 | - | 5 | 7 | - | 24 | 36 | 66.6 |
| Becket | 2 | - | - | 2 | 1 | - | - | 1 | - | 3 | 6 | 50.0 |
| Bedford | 30 | 6 | 9 | 45 | 3 | 8 | 4 | 15 | - | 60 | 63 | 95.2 |
| Belchertown | 10 | - | 4 | 14 | 2 | - | 4 | 6 | - | 20 | 30 | 66.6 |
| Bellingham | 12 | - | 9 | 21 | 3 | - | 2 | 5 | - | 26 | 32 | 81.2 |
| Belmont | 55 | 10 | 7 | 72 | 30 | 28 | 31 | 89 | 1 | 162 | 190 | 85.3 |
| Berkley | 5 | - | - | 5 | - | - | - | - | - | 5 | 8 | 62.5 |
| Berlin | 2 | - | - | 2 | 3 | - | - | 3 | - | 5 | 8 | 62.5 |
| Bernardston | 1 | 1 | 1 | 3 | 2 | - | 3 | 5 | - | 8 | 12 | 66.6 |
| Beverly | 70 | 35 | 18 | 123 | 12 | 17 | 21 | 50 | - | 173 | 236 | 73.3 |
| Billerica | 74 | - | 24 | 98 | 22 | - | 9 | 31 | 2 | 131 | 142 | 92.2 |
| Blackstone | 3 | - | 6 | 9 | - | - | - | - | - | 9 | 21 | 42.8 |
| Blandford | 1 | - | - | 1 | - | - | - | - | - | 1 | 5 | 20.0 |
| Bolton | 4 | - | - | 4 | 1 | - | - | 1 | - | 5 | 8 | 62.5 |
| Boston | 438 | 179 | 93 | 710 | 673 | 349 | 616 | 1638 | 31 | 2379 | 3463 | 68.7 |
| Bourne | 19 | - | 8 | 27 | 9 | - | 6 | 15 | - | 42 | 49 | 85.7 |
| Boxborough | - | - | - | - | 1 | - | - | 1 | - | 1 | 3 | 33.3 |
| Boxford | 4 | - | - | 4 | - | - | - | - | - | 4 | 8 | 50.0 |
| Boylston | 10 | - | - | 10 | 2 | - | - | 2 | - | 12 | 13 | 92.3 |
| Braintree | 85 | 39 | 24 | 148 | 32 | 21 | 27 | 80 | - | 228 | 286 | 79.7 |
| Brewster | 4 | - | - | 4 | 2 | - | - | 2 | - | 6 | 8 | 75.0 |
| Bridgewater | 8 | 4 | 10 | 22 | 17 | 4 | 9 | 30 | - | 52 | 72 | 72.2 |

-2-

| City or Town | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. |
|----------------|-----|----|----|-----|----|----|----|-----|----|-----|-----|-------|
| Brimfield | 2 | - | - | 2 | - | - | - | - | - | 2 | 7 | 28.6 |
| Brockton | 102 | 51 | 33 | 186 | 39 | 46 | 37 | 122 | 2 | 310 | 404 | 76.7 |
| Brookfield | 2 | - | - | 2 | - | - | - | - | - | 2 | 8 | 25.0 |
| Brookline | 97 | - | 24 | 121 | 90 | - | 70 | 160 | 5 | 286 | 335 | 85.4 |
| Buckland | 3 | - | - | 3 | 1 | - | - | 1 | - | 4 | 9 | 44.4 |
| Burlington | 27 | 8 | 9 | 44 | 7 | - | 5 | 12 | - | 56 | 62 | 90.3 |
| Cambridge | 105 | - | 57 | 162 | 92 | - | 86 | 178 | 3 | 343 | 512 | 67.0 |
| Canton | 34 | - | 14 | 48 | 9 | - | 6 | 15 | - | 63 | 72 | 87.5 |
| Carlisle | 3 | - | - | 3 | 1 | - | - | 1 | - | 4 | 7 | 57.1 |
| Carver | 2 | - | - | 2 | 4 | - | - | 4 | - | 6 | 12 | 50.0 |
| Charlemont | - | - | 2 | 2 | - | - | 1 | 1 | - | 3 | 4 | 75.0 |
| Charlton | 8 | 4 | 5 | 17 | - | - | 3 | 3 | - | 20 | 33 | 60.6 |
| Chatham | 3 | 3 | 5 | 11 | 3 | 1 | 5 | 9 | - | 20 | 27 | 74.1 |
| Chelmsford | 53 | - | 15 | 68 | 16 | - | 11 | 27 | - | 95 | 95 | 100.0 |
| Chelsea | 40 | 18 | 21 | 79 | 25 | 32 | 31 | 88 | 7 | 174 | 235 | 74.0 |
| Cheshire | 3 | - | - | 3 | - | - | - | - | - | 3 | 11 | 27.3 |
| Chester | 4 | - | 4 | 8 | - | - | 2 | 2 | - | 10 | 15 | 66.6 |
| Chesterfield | 1 | - | - | 1 | - | - | - | - | - | 1 | 4 | 25.0 |
| Chicopee | 135 | - | 29 | 164 | 29 | - | 36 | 65 | - | 229 | 301 | 76.1 |
| Chilmark | 2 | - | - | 2 | - | - | - | - | - | 2 | 2 | 100.0 |
| Clarksburg | 4 | - | - | 4 | - | - | - | - | - | 4 | 9 | 44.4 |
| Clinton | 8 | - | 16 | 24 | 13 | - | 7 | 20 | - | 44 | 62 | 71.0 |
| Cohasset | 15 | 7 | 5 | 27 | 5 | 4 | 5 | 14 | - | 41 | 51 | 80.4 |
| Colrain | - | - | - | - | - | - | - | - | - | - | 9 | - |
| Concord | 41 | - | 15 | 56 | 24 | - | 17 | 41 | 1 | 98 | 110 | 89.1 |
| Conway | 3 | - | - | 3 | - | - | - | - | - | 3 | 4 | 75.0 |
| Cummington | - | 1 | - | 1 | - | 1 | - | 1 | - | 2 | 5 | 40.0 |
| Dalton | 13 | 8 | 9 | 30 | 2 | 4 | 7 | 13 | - | 43 | 54 | 79.6 |
| Danvers | 52 | - | 16 | 68 | 10 | - | 15 | 25 | - | 93 | 128 | 72.6 |
| Dartmouth | 39 | - | 12 | 51 | 14 | - | 11 | 25 | - | 76 | 112 | 67.8 |
| Dedham | 72 | - | 20 | 92 | 43 | - | 31 | 74 | - | 166 | 181 | 91.7 |
| Deerfield | 13 | - | - | 13 | 1 | - | - | 1 | - | 14 | 16 | 87.5 |
| Dennis | 12 | - | - | 12 | 4 | - | - | 4 | - | 16 | 20 | 80.0 |
| Dighton | 7 | - | 8 | 15 | 7 | - | 6 | 13 | - | 28 | 33 | 84.8 |
| Douglas | 5 | - | 4 | 9 | 1 | - | 3 | 4 | - | 13 | 20 | 65.0 |
| Dover | 8 | - | - | 8 | 4 | - | - | 4 | - | 12 | 17 | 70.6 |
| Dracut | 12 | 4 | 3 | 19 | 7 | 8 | 12 | 27 | - | 46 | 67 | 68.6 |
| Dudley | 6 | 4 | - | 10 | - | 3 | - | 3 | 1 | 14 | 26 | 53.8 |
| Dunstable | 2 | - | - | 2 | - | - | - | - | - | 2 | 4 | 50.0 |
| Duxbury | 15 | 5 | 4 | 24 | 7 | 5 | 5 | 17 | - | 41 | 50 | 82.0 |
| E. Bridgewater | 13 | 7 | 8 | 28 | 13 | 2 | 3 | 18 | - | 46 | 47 | 97.9 |
| E. Brookfield | 5 | - | - | 5 | 2 | - | - | 2 | - | 7 | 8 | 87.5 |
| Eastham | 1 | - | - | 1 | - | - | - | - | - | 1 | 6 | 16.6 |
| Easthampton | 23 | - | 11 | 34 | 7 | - | 8 | 15 | - | 49 | 61 | 80.3 |
| E. Longmeadow | 20 | 20 | - | 40 | 5 | 7 | - | 12 | - | 52 | 63 | 82.5 |
| Easton | 18 | 7 | 7 | 32 | 1 | 7 | 7 | 15 | - | 47 | 64 | 73.4 |
| Edgartown | 5 | - | 3 | 8 | 1 | - | 2 | 3 | - | 11 | 17 | 64.7 |
| Egremont | | | | | | | | | | | | |

Under Regional Administration

| No. of | | Date | | Description | | Amount | |
|--------|--|------|--|-------------|--|--------|--|
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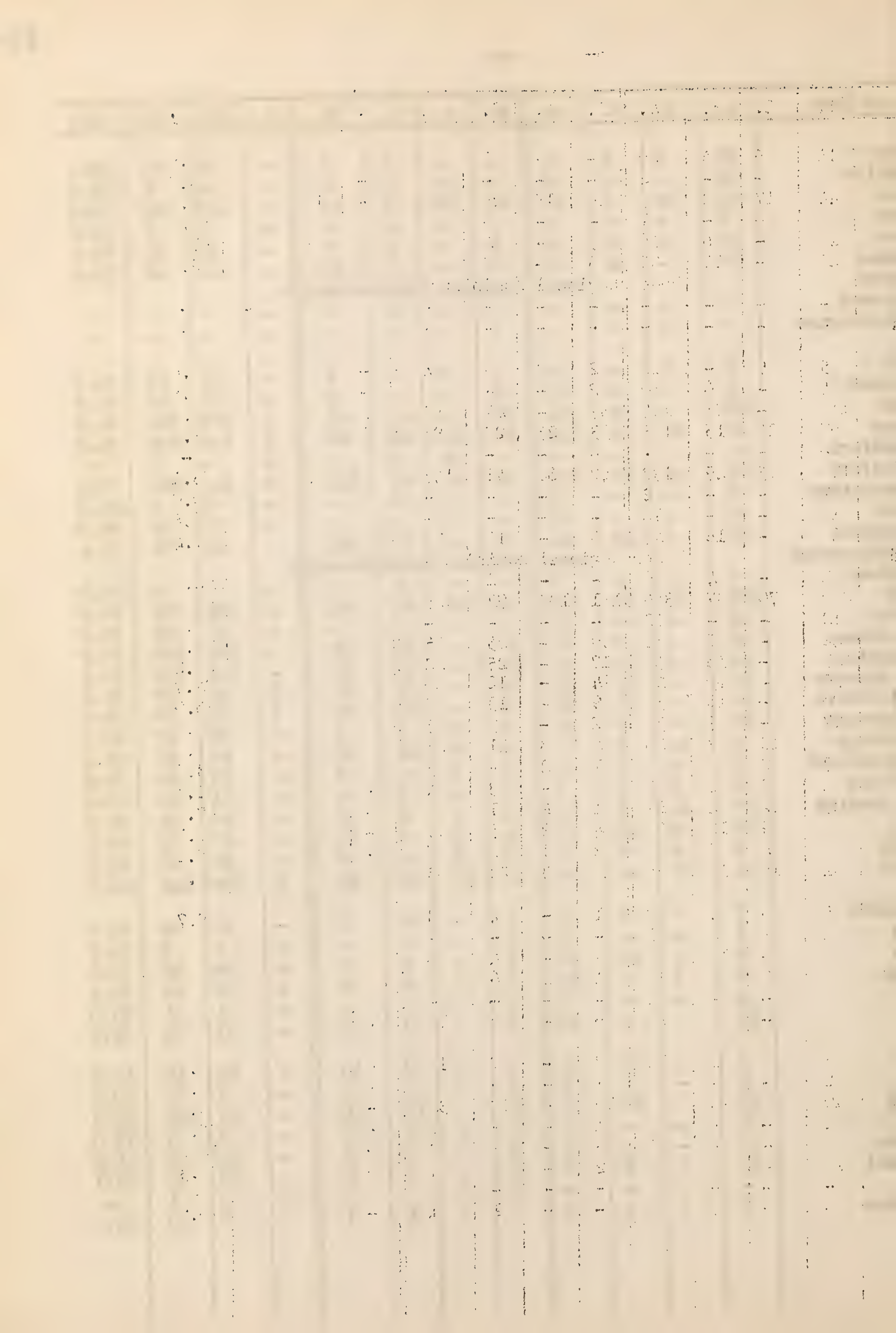
| City or Town | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. |
|----------------|----|----|----|-----|----|----|----|-----|----|-----|-----|-------|
| Erving | 3 | - | - | 3 | - | - | - | - | - | 3 | 10 | 30.0 |
| Essex | 7 | - | - | 7 | 2 | - | - | 2 | - | 9 | 12 | 75.0 |
| Everett | 85 | 27 | 19 | 131 | 64 | 20 | 42 | 126 | 3 | 260 | 313 | 83.1 |
| Fairhaven | 29 | - | 12 | 41 | 4 | - | 14 | 18 | - | 59 | 92 | 64.1 |
| Fall River | 88 | 28 | 38 | 154 | 78 | 28 | 45 | 151 | 5 | 310 | 515 | 60.2 |
| Falmouth | 29 | 9 | 10 | 48 | 7 | 10 | 13 | 30 | - | 78 | 95 | 82.1 |
| Fitchburg | 48 | - | 21 | 69 | 31 | - | 31 | 62 | - | 131 | 183 | 71.6 |
| Florida | 4 | - | - | 4 | - | - | - | - | - | 4 | 6 | 66.6 |
| Foxborough | 19 | 10 | 6 | 35 | 11 | 3 | 9 | 23 | - | 58 | 70 | 82.8 |
| Framingham | 82 | 27 | 21 | 130 | 36 | 33 | 23 | 92 | 1 | 223 | 244 | 91.4 |
| Franklin | 14 | - | 14 | 28 | 5 | - | 6 | 11 | - | 39 | 63 | 61.9 |
| Freetown | 11 | - | - | 11 | 1 | - | - | 1 | - | 12 | 17 | 70.9 |
| Gardner | 31 | - | 23 | 54 | 9 | - | 16 | 25 | - | 79 | 98 | 80.6 |
| Gay Head | - | - | - | - | 1 | - | - | 1 | - | 1 | 1 | 100.0 |
| Georgetown | 12 | - | 8 | 20 | 1 | - | - | 1 | - | 21 | 29 | 72.4 |
| Gill | 1 | - | - | 1 | 1 | - | - | 1 | - | 2 | 7 | 28.6 |
| Gloucester | 81 | - | 22 | 103 | 31 | - | 26 | 57 | - | 160 | 190 | 84.2 |
| Goshen | 1 | - | - | 1 | - | - | - | - | - | 1 | 3 | 33.3 |
| Gosnold | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Grafton | 17 | - | 21 | 38 | 2 | - | 5 | 7 | - | 45 | 64 | 70.3 |
| Granby | 10 | - | - | 10 | - | - | - | - | - | 10 | 20 | 50.0 |
| Granville | 6 | - | - | 6 | - | - | - | - | - | 6 | 6 | 100.0 |
| Gt. Barrington | 15 | - | 10 | 25 | 2 | - | 4 | 6 | - | 31 | 54 | 57.4 |
| Greenfield | 39 | 20 | 13 | 72 | 11 | 9 | 11 | 31 | - | 103 | 122 | 84.4 |
| Groton | 10 | 5 | 5 | 20 | 1 | - | 5 | 6 | - | 26 | 34 | 76.5 |
| Groveland | 5 | - | - | 5 | 4 | - | - | 4 | - | 9 | 17 | 52.9 |
| Hadley | 7 | - | 7 | 14 | 1 | - | 3 | 4 | - | 18 | 29 | 62.1 |
| Halifax | 3 | - | - | 3 | - | - | - | - | - | 3 | 6 | 50.0 |
| Hamilton | 7 | 5 | 7 | 19 | 5 | 1 | 3 | 9 | - | 28 | 41 | 68.3 |
| Hampden | 4 | - | - | 4 | - | - | - | - | - | 4 | 9 | 44.4 |
| Hancock | - | - | - | - | - | - | - | - | - | - | 3 | - |
| Hanover | 9 | 5 | 6 | 20 | 4 | 1 | 3 | 8 | - | 28 | 41 | 68.3 |
| Hanson | 13 | - | - | 13 | 2 | - | - | 2 | - | 15 | 27 | 55.5 |
| Hardwick | 2 | - | 7 | 9 | 2 | - | 1 | 3 | - | 12 | 17 | 70.6 |
| Harvard | 7 | - | 4 | 11 | - | - | - | - | - | 11 | 16 | 68.7 |
| Harwich | 9 | 3 | 7 | 19 | 1 | 1 | 4 | 6 | - | 25 | 37 | 67.6 |
| Hatfield | 8 | - | 5 | 13 | 1 | - | 1 | 2 | - | 15 | 20 | 75.0 |
| Haverhill | 51 | - | 22 | 73 | 52 | - | 40 | 92 | - | 165 | 236 | 69.9 |
| Hawley | - | - | - | - | - | - | - | - | - | - | - | - |
| Heath | - | - | - | - | - | - | - | - | - | - | 3 | - |
| Hingham | 60 | - | 20 | 80 | 36 | - | 28 | 64 | - | 144 | 162 | 88.9 |
| Hinsdale | 2 | - | - | 2 | - | - | - | - | - | 2 | 10 | 20.0 |
| Holbrook | 25 | - | 14 | 39 | 2 | - | 5 | 7 | - | 46 | 62 | 74.2 |
| Holden | 14 | 9 | - | 23 | 9 | 7 | - | 16 | - | 39 | 59 | 66.1 |
| Holland | 1 | - | - | 1 | - | - | - | - | - | 1 | 3 | 33.3 |
| Holliston | 3 | - | 5 | 8 | 9 | - | 9 | 18 | - | 26 | 37 | 70.3 |
| Holyoke | 52 | 32 | 10 | 94 | 36 | 18 | 49 | 103 | - | 197 | 245 | 80.4 |
| Hopkinton | 14 | 5 | 7 | 26 | 3 | 1 | 7 | 11 | - | 37 | 42 | 88.1 |
| Hopedale | 15 | - | 3 | 18 | 4 | - | 7 | 11 | - | 29 | 38 | 76.3 |

-4-

| City or Town | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. |
|---------------|-----|----|----|-----|-----|----|----|-----|----|-----|-----|-------|
| Hubbardston | 3 | - | - | 3 | 1 | - | - | 1 | - | 4 | 8 | 50.0 |
| Hudson | 9 | - | 15 | 24 | 2 | - | - | 2 | - | 28 | 50 | 56.0 |
| Hull | 23 | 8 | - | 31 | 5 | 7 | - | 12 | - | 43 | 53 | 81.1 |
| Huntington | 2 | 2 | 3 | 7 | - | 1 | 1 | 2 | - | 9 | 14 | 64.3 |
| Ipswich | 16 | - | 12 | 28 | 12 | - | 10 | 22 | - | 50 | 63 | 79.4 |
| Kingston | 7 | - | - | 7 | 3 | - | - | 3 | - | 10 | 17 | 53.8 |
| Lakeville | 6 | - | - | 6 | 1 | - | - | 1 | - | 7 | 17 | 41.2 |
| Lancaster | 5 | - | 6 | 11 | 1 | - | 4 | 5 | - | 16 | 24 | 66.7 |
| Lanesborough | 4 | - | - | 4 | 1 | - | - | 1 | - | 5 | 13 | 38.5 |
| Lawrence | 44 | - | 15 | 59 | 100 | - | 67 | 167 | - | 226 | 332 | 68.1 |
| Lee | 11 | - | 6 | 17 | - | - | 7 | 7 | - | 24 | 37 | 64.9 |
| Leicester | 28 | - | 3 | 31 | 3 | - | 10 | 13 | - | 44 | 55 | 80.0 |
| Lenox | 7 | - | 5 | 12 | 4 | - | 6 | 10 | - | 22 | 28 | 78.6 |
| Leominster | 28 | 19 | 14 | 61 | 16 | 14 | 15 | 45 | - | 106 | 136 | 77.9 |
| Leverett | 3 | - | - | 3 | - | - | - | - | - | 3 | 6 | 50.0 |
| Lexington | 96 | - | 15 | 111 | 43 | - | 29 | 72 | - | 183 | 204 | 89.7 |
| Leyden | 1 | - | - | 1 | - | - | - | - | - | 1 | 2 | 50.0 |
| Lincoln | 20 | - | - | 20 | 13 | - | - | 13 | - | 33 | 33 | 100.0 |
| Littleton | 12 | - | 5 | 17 | 1 | - | 5 | 6 | - | 23 | 37 | 62.2 |
| Longmeadow | 27 | - | 11 | 38 | 17 | - | 18 | 35 | - | 73 | 92 | 79.3 |
| Lowell | 42 | 37 | 41 | 120 | 56 | 47 | 40 | 143 | 3 | 266 | 427 | 62.3 |
| Ludlow | 18 | 10 | 10 | 38 | 7 | 7 | 10 | 24 | - | 62 | 72 | 86.1 |
| Lunenburg | 28 | - | 9 | 37 | 6 | - | 3 | 9 | - | 46 | 53 | 86.8 |
| Lynn | 135 | 77 | 49 | 261 | 39 | 47 | 53 | 139 | 8 | 408 | 568 | 71.8 |
| Lynnfield | 16 | 7 | - | 23 | 11 | 13 | - | 24 | - | 47 | 58 | 81.0 |
| Malden | 86 | 47 | 23 | 156 | 50 | 33 | 39 | 122 | 5 | 283 | 380 | 74.4 |
| Manchester | 19 | - | 2 | 21 | 4 | - | 6 | 10 | - | 31 | 37 | 83.8 |
| Mansfield | 22 | 14 | - | 36 | 8 | - | 9 | 17 | 1 | 54 | 76 | 71.0 |
| Marblehead | 48 | - | 14 | 62 | 13 | - | 20 | 33 | - | 95 | 128 | 74.2 |
| Marion | 4 | 4 | - | 8 | 5 | - | - | 5 | - | 13 | 21 | 61.9 |
| Marlborough | 21 | - | 9 | 30 | 15 | - | 18 | 33 | 1 | 64 | 94 | 68.1 |
| Marshfield | 21 | 5 | 12 | 38 | 6 | 2 | 4 | 12 | - | 50 | 61 | 82.0 |
| Mashpee | 2 | - | - | 2 | - | - | - | - | - | 2 | 4 | 50.0 |
| Mattapoisett | 8 | 6 | - | 14 | 2 | - | - | 2 | - | 16 | 19 | 84.2 |
| Maynard | 14 | - | 13 | 27 | 7 | - | 3 | 10 | - | 37 | 52 | 71.1 |
| Medfield | 6 | 5 | 9 | 20 | - | 1 | 1 | 2 | - | 22 | 35 | 62.8 |
| Medford | 109 | 44 | 31 | 184 | 48 | 46 | 60 | 154 | 1 | 339 | 396 | 85.6 |
| Medway | 10 | - | 3 | 13 | 2 | - | 5 | 7 | - | 20 | 31 | 64.5 |
| Melrose | 99 | - | 28 | 127 | 37 | - | 31 | 68 | 1 | 196 | 219 | 89.5 |
| Mendon | 4 | - | 3 | 7 | - | - | 1 | 1 | - | 8 | 11 | 72.7 |
| Merrimac | 13 | - | 7 | 20 | - | - | - | - | - | 20 | 26 | 76.9 |
| Methuen | 42 | - | 8 | 50 | 38 | - | 30 | 68 | - | 118 | 150 | 78.7 |
| Middleborough | 26 | - | 11 | 37 | 16 | - | 14 | 30 | - | 67 | 91 | 73.6 |
| Middlefield | - | - | - | - | 1 | - | - | 1 | - | 1 | 3 | 33.3 |
| Middleton | 10 | - | - | 10 | 2 | - | - | 2 | - | 12 | 17 | 70.6 |
| Milford | 11 | - | 13 | 24 | 3 | - | 10 | 13 | 2 | 39 | 89 | 43.8 |
| Millbury | 19 | - | 13 | 32 | 8 | - | 9 | 17 | - | 49 | 65 | 75.4 |

-5-

| City or Town | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. |
|-----------------|-------------------------------|----|----|-----|-----|-----|----|-----|----|-----|-----|-------|
| Millis | 15 | 9 | 5 | 29 | - | - | 3 | 3 | - | 32 | 36 | 88.9 |
| Millville | 2 | - | - | 2 | - | - | - | - | - | 2 | 8 | 25.0 |
| Milton | 44 | 17 | 8 | 69 | 26 | 18 | 25 | 69 | - | 138 | 154 | 89.6 |
| Monroe | 1 | - | - | 1 | - | - | - | - | - | 1 | 2 | 50.0 |
| Monson | 10 | - | 6 | 16 | 3 | - | 4 | 7 | - | 23 | 34 | 67.6 |
| Montague | 25 | - | 14 | 39 | 3 | - | 7 | 10 | - | 49 | 68 | 72.0 |
| Monterey | Under Regional Administration | | | | | | | | | | | |
| Montgomery | - | - | - | - | - | - | - | - | - | - | - | - |
| Mt. Washington | - | - | - | - | - | - | - | - | - | - | - | - |
| Nahant | 5 | 5 | - | 10 | 2 | 2 | - | 4 | - | 14 | 22 | 63.6 |
| Nantucket | 4 | - | 6 | 10 | 2 | - | - | 2 | - | 12 | 28 | 42.8 |
| Natick | 119 | - | 25 | 144 | 39 | - | 44 | 83 | 1 | 228 | 251 | 90.8 |
| Needham | 67 | 21 | 15 | 103 | 33 | 25 | 28 | 86 | 3 | 192 | 209 | 91.9 |
| New Ashford | - | - | - | - | - | - | - | - | - | - | 1 | - |
| New Bedford | 124 | 45 | 29 | 198 | 42 | 60 | 41 | 143 | 2 | 343 | 622 | 55.1 |
| New Braintree | 2 | - | - | 2 | - | - | - | - | - | 2 | 2 | 100.0 |
| Newbury | 10 | - | - | 10 | - | - | - | - | - | 10 | 15 | 66.6 |
| Newburyport | 26 | - | 18 | 44 | 6 | - | 15 | 21 | - | 65 | 91 | 71.4 |
| New Marlborough | Under Regional Administration | | | | | | | | | | | |
| New Salem | 2 | - | 4 | 6 | - | - | 2 | 2 | - | 8 | 8 | 100.0 |
| Newton | 239 | 70 | 37 | 346 | 111 | 102 | 92 | 305 | 3 | 654 | 712 | 91.8 |
| Norfolk | 12 | - | - | 12 | - | - | - | - | - | 12 | 16 | 75.0 |
| North Adams | 42 | - | 8 | 50 | 30 | - | 25 | 55 | - | 105 | 146 | 71.9 |
| Northampton | 43 | - | 16 | 59 | 17 | - | 25 | 42 | - | 101 | 165 | 61.2 |
| North Andover | 10 | - | 13 | 23 | 14 | - | 12 | 26 | 1 | 50 | 59 | 84.7 |
| No. Attleboro | 26 | - | 11 | 37 | 9 | - | 13 | 22 | 1 | 60 | 78 | 76.9 |
| Northborough | 27 | - | 7 | 34 | 2 | - | 3 | 5 | - | 39 | 43 | 90.7 |
| Northbridge | 8 | 10 | 8 | 26 | 4 | 8 | 11 | 23 | - | 49 | 73 | 67.1 |
| No. Brookfield | 3 | 2 | 9 | 14 | 1 | 2 | - | 3 | - | 17 | 23 | 73.9 |
| Northfield | 2 | 3 | 2 | 7 | 1 | - | 3 | 4 | - | 11 | 18 | 61.1 |
| North Reading | 27 | 12 | 2 | 41 | 1 | 4 | 1 | 6 | - | 47 | 54 | 87.0 |
| Norton | 17 | 9 | 10 | 36 | 4 | 2 | 5 | 11 | - | 47 | 53 | 88.7 |
| Norwell | 8 | 4 | 8 | 20 | 3 | 1 | 4 | 8 | - | 28 | 43 | 65.1 |
| Norwood | 51 | 19 | 14 | 84 | 27 | 13 | 23 | 63 | 1 | 148 | 148 | 100.0 |
| Oak Bluffs | 5 | - | 3 | 8 | 1 | - | 2 | 3 | - | 11 | 16 | 68.7 |
| Oakham | 1 | - | - | 1 | - | - | - | - | - | 1 | 3 | 33.3 |
| Orange | 8 | - | 10 | 18 | 4 | - | 4 | 8 | - | 26 | 49 | 53.1 |
| Orleans | 2 | 3 | 5 | 10 | 1 | 1 | 6 | 8 | 1 | 19 | 24 | 79.2 |
| Otis | 1 | - | - | 1 | - | - | - | - | - | 1 | 4 | 25.0 |
| Oxford | 39 | - | 9 | 48 | 6 | - | 7 | 13 | - | 61 | 74 | 82.4 |
| Palmer | 3 | - | 11 | 14 | 3 | - | 7 | 10 | - | 24 | 59 | 40.7 |
| Paxton | 4 | - | - | 4 | 1 | - | - | 1 | - | 5 | 10 | 50.0 |
| Peabody | 40 | - | 20 | 60 | 16 | - | 18 | 34 | - | 94 | 170 | 55.3 |
| Pelham | 2 | - | - | 2 | 1 | - | - | 1 | - | 3 | 4 | 75.0 |
| Pembroke | 11 | - | - | 11 | 3 | - | - | 3 | - | 14 | 21 | 66.6 |
| Pepperell | 10 | - | 8 | 18 | 2 | - | 2 | 4 | - | 22 | 30 | 73.3 |
| Peru | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Petersham | 3 | - | 3 | 6 | - | - | 1 | 1 | - | 7 | 10 | 70.0 |



-6-

| City or Town | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. |
|--------------|-----|-----|----|-------|----------|----------------|-----|-----|----|-----|-----|-------|
| Phillipston | 2 | - | - | 2 | - | - | - | - | - | 2 | 5 | 40.0 |
| Pittsfield | 100 | 56 | 33 | 189 | 47 | 50 | 36 | 133 | 2 | 324 | 419 | 77.3 |
| Plainfield | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Plainville | 10 | - | 5 | 15 | 1 | - | 1 | 2 | - | 17 | 21 | 80.9 |
| Plymouth | 20 | 16 | 8 | 44 | 8 | 9 | 14 | 31 | - | 75 | 112 | 67.0 |
| Plympton | 2 | - | - | 2 | 1 | - | - | 1 | - | 3 | 6 | 50.0 |
| Princeton | 6 | - | - | 6 | 3 | - | - | 3 | - | 9 | 10 | 90.0 |
| Provincetown | 6 | 5 | 3 | 14 | - | - | 4 | 4 | - | 18 | 32 | 56.2 |
| Quincy | 166 | 69 | 30 | 265 | 98 | 75 | 68 | 241 | - | 506 | 608 | 83.2 |
| Randolph | 40 | 13 | 14 | 67 | 12 | 13 | 10 | 35 | - | 102 | 131 | 77.9 |
| Raynham | 10 | - | - | 10 | 1 | - | - | 1 | - | 11 | 17 | 64.7 |
| Reading | 56 | - | 27 | 83 | 18 | - | 26 | 44 | 1 | 128 | 149 | 85.9 |
| Rehoboth | 14 | 7 | - | 21 | - | 2 | - | 2 | - | 23 | 29 | 79.3 |
| Revere | 65 | 40 | 33 | 138 | 19 | 18 | 21 | 58 | 11 | 207 | 296 | 69.9 |
| Richmond | 2 | - | - | 2 | - | - | - | - | - | 2 | 4 | 50.0 |
| Rochester | - | - | - | - | - | - | - | - | - | - | 10 | - |
| Rockland | 17 | 9 | 8 | 34 | 4 | 5 | 8 | 17 | - | 51 | 73 | 69.9 |
| Rockport | 5 | 5 | 6 | 16 | 1 | 1 | 2 | 4 | - | 20 | 35 | 57.1 |
| Rowe | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Rowley | 7 | - | - | 7 | 1 | - | - | 1 | - | 8 | 15 | 53.3 |
| Royalston | 2 | - | - | 2 | - | - | - | - | - | 2 | 5 | 40.0 |
| Russell | 4 | - | - | 4 | 2 | - | - | 2 | - | 6 | 9 | 66.6 |
| Rutland | 5 | - | - | 5 | 1 | - | - | 1 | - | 6 | 16 | 37.5 |
| Salem | 35 | - | 25 | 60 | 37 | - | 30 | 67 | - | 127 | 194 | 65.6 |
| Salisbury | 8 | - | - | 8 | 2 | - | - | 2 | - | 10 | 22 | 45.4 |
| Sandisfield | 3 | - | - | 3 | - | - | - | - | - | 3 | 3 | 100.0 |
| Sandwich | 3 | - | 3 | 6 | 1 | - | 3 | 4 | - | 10 | 15 | 66.6 |
| Saugus | 50 | - | 28 | 78 | 12 | - | 20 | 32 | - | 110 | 162 | 67.9 |
| Savoy | 1 | - | - | 1 | - | - | - | - | - | 1 | 3 | 33.3 |
| Scituate | 19 | 11 | 12 | 42 | 8 | 5 | 3 | 16 | - | 58 | 83 | 69.9 |
| Seekonk | 18 | 12 | - | 30 | 2 | 2 | - | 4 | - | 34 | 51 | 66.6 |
| Sharon | 22 | 9 | 7 | 38 | 15 | 7 | 9 | 31 | - | 69 | 87 | 79.3 |
| Sheffield | | | | Under | Regional | Administration | | | | | | |
| Shelburne | 3 | - | 12 | 15 | - | - | 1 | 1 | - | 16 | 22 | 72.7 |
| Sherborn | 5 | - | - | 5 | 5 | - | - | 5 | - | 10 | 14 | 71.4 |
| Shirley | 5 | - | - | 5 | 2 | - | - | 2 | - | 7 | 11 | 63.6 |
| Shrewsbury | 57 | - | 11 | 68 | 17 | - | 17 | 34 | - | 102 | 118 | 86.4 |
| Shutesbury | - | - | - | - | 1 | - | - | 1 | - | 1 | 2 | 50.0 |
| Somerset | 15 | 5 | 7 | 27 | 5 | 5 | 17 | 27 | - | 54 | 79 | 68.3 |
| Somerville | 128 | 32 | 28 | 188 | 80 | 66 | 73 | 219 | 15 | 422 | 545 | 77.4 |
| Southampton | 5 | - | - | 5 | - | - | - | - | - | 5 | 13 | 38.5 |
| Southborough | 12 | - | 3 | 15 | 1 | - | 2 | 3 | - | 18 | 28 | 64.3 |
| Southbridge | 27 | - | 9 | 36 | 18 | - | 14 | 32 | 2 | 70 | 85 | 82.3 |
| South Hadley | 41 | - | 13 | 54 | 10 | - | 13 | 23 | - | 77 | 96 | 80.2 |
| Southwick | 18 | - | - | 18 | 3 | - | - | 3 | - | 21 | 33 | 63.6 |
| Spencer | 11 | - | 6 | 17 | 10 | - | 8 | 18 | - | 35 | 39 | 89.7 |
| Springfield | 305 | 105 | 26 | 436 | 136 | 119 | 140 | 395 | 14 | 845 | 956 | 88.4 |
| Sterling | 5 | - | - | 5 | 5 | - | - | 5 | - | 10 | 18 | 55.5 |

| DATE | TIME | NO. | NAME | AGE | SEX | REL. | ETH. | OC. | ED. | HT. | WT. | HAIR | EYES | SKIN | TOOTH | REMARKS |
|------|-------|-----|-----------|-----|-----|----------|------|-----|-----|-----|-----|------|------|------|-------|---------|
| 1911 | 10:30 | 101 | John | 25 | M | Wife | W | 1 | 8 | 5 | 150 | B | B | F | 1 | Good |
| 1911 | 11:00 | 102 | Mary | 22 | F | Wife | W | 1 | 8 | 5 | 120 | B | B | F | 1 | Good |
| 1911 | 11:30 | 103 | James | 18 | M | Son | W | 1 | 8 | 5 | 140 | B | B | F | 1 | Good |
| 1911 | 12:00 | 104 | Elizabeth | 15 | F | Daughter | W | 1 | 8 | 5 | 110 | B | B | F | 1 | Good |
| 1911 | 12:30 | 105 | William | 12 | M | Son | W | 1 | 8 | 5 | 100 | B | B | F | 1 | Good |
| 1911 | 13:00 | 106 | Robert | 10 | M | Son | W | 1 | 8 | 5 | 90 | B | B | F | 1 | Good |
| 1911 | 13:30 | 107 | Anna | 8 | F | Daughter | W | 1 | 8 | 5 | 80 | B | B | F | 1 | Good |
| 1911 | 14:00 | 108 | Thomas | 6 | M | Son | W | 1 | 8 | 5 | 70 | B | B | F | 1 | Good |
| 1911 | 14:30 | 109 | John | 4 | M | Son | W | 1 | 8 | 5 | 60 | B | B | F | 1 | Good |
| 1911 | 15:00 | 110 | Mary | 3 | F | Daughter | W | 1 | 8 | 5 | 50 | B | B | F | 1 | Good |
| 1911 | 15:30 | 111 | James | 2 | M | Son | W | 1 | 8 | 5 | 40 | B | B | F | 1 | Good |
| 1911 | 16:00 | 112 | Elizabeth | 1 | F | Daughter | W | 1 | 8 | 5 | 30 | B | B | F | 1 | Good |
| 1911 | 16:30 | 113 | William | 0 | M | Son | W | 1 | 8 | 5 | 20 | B | B | F | 1 | Good |
| 1911 | 17:00 | 114 | Robert | 0 | M | Son | W | 1 | 8 | 5 | 10 | B | B | F | 1 | Good |
| 1911 | 17:30 | 115 | Anna | 0 | F | Daughter | W | 1 | 8 | 5 | 5 | B | B | F | 1 | Good |
| 1911 | 18:00 | 116 | Thomas | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 18:30 | 117 | John | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 19:00 | 118 | Mary | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 19:30 | 119 | James | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 20:00 | 120 | Elizabeth | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 20:30 | 121 | William | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 21:00 | 122 | Robert | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 21:30 | 123 | Anna | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 22:00 | 124 | Thomas | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 22:30 | 125 | John | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 23:00 | 126 | Mary | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 23:30 | 127 | James | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 24:00 | 128 | Elizabeth | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 24:30 | 129 | William | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 25:00 | 130 | Robert | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 25:30 | 131 | Anna | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 26:00 | 132 | Thomas | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 26:30 | 133 | John | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 27:00 | 134 | Mary | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 27:30 | 135 | James | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 28:00 | 136 | Elizabeth | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 28:30 | 137 | William | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 29:00 | 138 | Robert | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 29:30 | 139 | Anna | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 30:00 | 140 | Thomas | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 30:30 | 141 | John | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 31:00 | 142 | Mary | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 31:30 | 143 | James | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 32:00 | 144 | Elizabeth | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 32:30 | 145 | William | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 33:00 | 146 | Robert | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 33:30 | 147 | Anna | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 34:00 | 148 | Thomas | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 34:30 | 149 | John | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 35:00 | 150 | Mary | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 35:30 | 151 | James | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 36:00 | 152 | Elizabeth | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 36:30 | 153 | William | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 37:00 | 154 | Robert | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 37:30 | 155 | Anna | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 38:00 | 156 | Thomas | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 38:30 | 157 | John | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 39:00 | 158 | Mary | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 39:30 | 159 | James | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 40:00 | 160 | Elizabeth | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 40:30 | 161 | William | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 41:00 | 162 | Robert | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 41:30 | 163 | Anna | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 42:00 | 164 | Thomas | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 42:30 | 165 | John | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 43:00 | 166 | Mary | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 43:30 | 167 | James | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 44:00 | 168 | Elizabeth | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 44:30 | 169 | William | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 45:00 | 170 | Robert | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 45:30 | 171 | Anna | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 46:00 | 172 | Thomas | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 46:30 | 173 | John | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 47:00 | 174 | Mary | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 47:30 | 175 | James | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 48:00 | 176 | Elizabeth | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 48:30 | 177 | William | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 49:00 | 178 | Robert | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 49:30 | 179 | Anna | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 50:00 | 180 | Thomas | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 50:30 | 181 | John | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 51:00 | 182 | Mary | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 51:30 | 183 | James | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 52:00 | 184 | Elizabeth | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 52:30 | 185 | William | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 53:00 | 186 | Robert | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 53:30 | 187 | Anna | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 54:00 | 188 | Thomas | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 54:30 | 189 | John | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 55:00 | 190 | Mary | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 55:30 | 191 | James | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 56:00 | 192 | Elizabeth | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 56:30 | 193 | William | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 57:00 | 194 | Robert | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 57:30 | 195 | Anna | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 58:00 | 196 | Thomas | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 58:30 | 197 | John | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 59:00 | 198 | Mary | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 59:30 | 199 | James | 0 | M | Son | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |
| 1911 | 60:00 | 200 | Elizabeth | 0 | F | Daughter | W | 1 | 8 | 5 | 0 | B | B | F | 1 | Good |

-7-

| City or Town | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. |
|----------------|-----|----|----|-----|----|----|----|-----|----|-----|-----|-------|
| Stockbridge | 6 | - | 7 | 13 | 2 | - | 4 | 6 | 1 | 20 | 24 | 83.3 |
| Stoneham | 35 | 14 | 14 | 63 | 7 | 7 | 14 | 28 | - | 91 | 107 | 85.0 |
| Stoughton | 36 | 17 | 9 | 62 | 8 | 9 | 13 | 30 | 1 | 93 | 113 | 82.3 |
| Stow | 9 | - | 4 | 13 | 1 | - | 1 | 2 | - | 15 | 22 | 68.2 |
| Sturbridge | 4 | - | - | 4 | 2 | - | - | 2 | - | 6 | 14 | 42.8 |
| Sudbury | 23 | - | - | 23 | 6 | - | - | 6 | - | 29 | 31 | 93.5 |
| Sunderland | 6 | - | - | 6 | - | - | - | - | - | 6 | 6 | 100.0 |
| Sutton | 9 | 2 | 6 | 17 | 1 | 1 | 4 | 6 | - | 23 | 32 | 71.9 |
| Swampscott | 37 | - | 6 | 43 | 22 | - | 29 | 51 | 1 | 95 | 121 | 78.5 |
| Swansea | 10 | 18 | 8 | 36 | 2 | 4 | 5 | 11 | - | 47 | 69 | 68.1 |
| Taunton | 45 | - | 32 | 77 | 33 | - | 24 | 57 | - | 134 | 235 | 57.0 |
| Templeton | 18 | - | 10 | 28 | - | - | 2 | 2 | - | 30 | 46 | 65.2 |
| Tewksbury | 58 | - | 11 | 69 | 14 | - | 8 | 22 | 1 | 92 | 110 | 83.6 |
| Tisbury | 11 | - | 6 | 17 | 1 | - | 3 | 4 | 1 | 22 | 28 | 78.6 |
| Tolland | 1 | - | - | 1 | - | - | - | - | - | 1 | 1 | 100.0 |
| Topsfield | - | 3 | 6 | 9 | - | - | 3 | 3 | - | 12 | 27 | 44.4 |
| Townsend | 15 | 9 | 4 | 28 | 2 | - | 3 | 5 | - | 33 | 38 | 86.8 |
| Truro | 1 | - | - | 1 | - | - | - | - | - | 1 | 5 | 20.0 |
| Tyngsborough | 5 | - | - | 5 | 1 | - | - | 1 | - | 6 | 18 | 33.3 |
| Tyringham | - | - | - | - | - | - | - | - | - | - | 1 | - |
| Upton | 5 | - | - | 5 | 1 | - | - | 1 | - | 6 | 13 | 46.1 |
| Uxbridge | 8 | 5 | 7 | 20 | 4 | 3 | 6 | 13 | - | 33 | 57 | 57.9 |
| Wakefield | 67 | 17 | 11 | 95 | 12 | 16 | 32 | 60 | - | 155 | 181 | 85.6 |
| Wales | 1 | - | - | 1 | - | - | - | - | - | 1 | 3 | 33.3 |
| Walpole | 37 | 10 | 14 | 61 | 15 | 14 | 11 | 40 | - | 101 | 125 | 80.0 |
| Waltham | 101 | 25 | 15 | 141 | 37 | 26 | 41 | 104 | - | 245 | 321 | 76.3 |
| Ware | 7 | - | 8 | 15 | 2 | - | 7 | 9 | - | 24 | 39 | 61.5 |
| Wareham | 17 | - | 15 | 32 | 8 | - | 10 | 18 | - | 50 | 79 | 63.3 |
| Warren | 6 | - | 4 | 10 | 2 | - | 3 | 5 | - | 15 | 24 | 62.5 |
| Warwick | 1 | - | - | 1 | - | - | - | - | - | 1 | 3 | 33.3 |
| Washington | - | - | - | - | - | - | - | - | - | - | 2 | - |
| Watertown | 61 | 32 | 16 | 109 | 27 | 18 | 41 | 86 | 5 | 200 | 270 | 74.1 |
| Wayland | 30 | 7 | 6 | 43 | 8 | 7 | 15 | 30 | - | 73 | 78 | 93.6 |
| Webster | 11 | 9 | 11 | 31 | 3 | 2 | 4 | 9 | - | 40 | 52 | 76.9 |
| Wellesley | 53 | 18 | 8 | 79 | 53 | 30 | 30 | 113 | 3 | 195 | 220 | 88.6 |
| Wellfleet | 3 | - | 3 | 6 | 1 | - | 1 | 2 | - | 8 | 13 | 61.5 |
| Wendell | 1 | - | - | 1 | - | - | - | - | - | 1 | 2 | 50.0 |
| Wenham | 4 | 3 | - | 7 | - | 2 | - | 2 | - | 9 | 18 | 50.0 |
| Westborough | 16 | - | 12 | 28 | 6 | - | 2 | 8 | - | 36 | 48 | 75.0 |
| West Boylston | 15 | 8 | - | 23 | 6 | 3 | 1 | 10 | - | 33 | 42 | 78.6 |
| W. Bridgewater | 9 | 7 | 8 | 24 | 1 | 1 | 7 | 9 | - | 33 | 51 | 64.7 |
| W. Brookfield | 8 | - | - | 8 | - | - | - | - | - | 8 | 13 | 61.5 |
| Westfield | 72 | - | 16 | 88 | 36 | - | 26 | 62 | - | 150 | 182 | 82.4 |
| Westford | 23 | - | 12 | 35 | 3 | - | 5 | 8 | - | 43 | 53 | 81.1 |
| Westhampton | 2 | - | - | 2 | - | - | - | - | - | 2 | 3 | 66.6 |
| Westminster | 9 | 8 | - | 17 | 1 | - | - | 1 | - | 18 | 29 | 62.1 |

-8-

| City or Town | 1. | 2. | 3. | 4. | 5. | 6. | 7. | 8. | 9. | 10. | 11. | 12. |
|------------------|------|------|------|--------|------|------|------|--------|-----|--------|--------|-------|
| West Newbury | 6 | - | - | 6 | - | - | - | - | - | 6 | 10 | 60.0 |
| Weston | 27 | 9 | 5 | 41 | 15 | 8 | 15 | 38 | - | 79 | 81 | 97.5 |
| Westport | 17 | - | 9 | 26 | 2 | - | 5 | 7 | - | 33 | 58 | 56.9 |
| W.Springfield | 74 | - | 23 | 97 | 23 | - | 22 | 45 | - | 142 | 188 | 75.5 |
| W.Stockbridge | - | - | - | - | 2 | - | - | 2 | - | 2 | 5 | 40.0 |
| W.Tisbury | 2 | - | - | 2 | - | - | - | - | - | 2 | 2 | 100.0 |
| Westwood | 27 | 5 | 10 | 42 | 20 | 14 | 17 | 51 | - | 93 | 103 | 90.2 |
| Weymouth | 138 | 47 | 26 | 211 | 49 | 40 | 33 | 122 | - | 333 | 381 | 87.4 |
| Whately | 1 | - | - | 1 | - | - | - | - | - | 1 | 5 | 20.0 |
| Whitman | 27 | - | 15 | 42 | 8 | - | 10 | 18 | - | 60 | 84 | 71.4 |
| Wilbraham | 16 | 7 | - | 23 | 4 | 6 | - | 10 | - | 33 | 45 | 73.3 |
| Williamsburg | 6 | - | 3 | 9 | - | 3 | - | 3 | - | 12 | 25 | 48.0 |
| Williamstown | 22 | - | 10 | 32 | 5 | - | 7 | 12 | 1 | 45 | 58 | 77.6 |
| Wilmington | 32 | - | 16 | 48 | 18 | - | 15 | 33 | - | 81 | 98 | 82.6 |
| Winchendon | 11 | 7 | 7 | 25 | - | 4 | 7 | 11 | - | 36 | 59 | 61.0 |
| Winchester | 46 | - | 14 | 60 | 46 | - | 32 | 78 | 2 | 140 | 159 | 88.0 |
| Windsor | 3 | - | - | 3 | - | - | - | - | - | 3 | 3 | 100.0 |
| Winthrop | 28 | 18 | 12 | 58 | 7 | 13 | 25 | 45 | - | 103 | 139 | 74.1 |
| Woburn | 43 | 19 | 9 | 71 | 13 | 11 | 20 | 44 | - | 115 | 152 | 75.6 |
| Worcester | 265 | 89 | 55 | 409 | 277 | 157 | 113 | 547 | 6 | 962 | 1209 | 79.6 |
| Worthington | 1 | - | - | 1 | 1 | - | - | 1 | - | 2 | 4 | 50.0 |
| Wrentham | 12 | 3 | 6 | 21 | 3 | 1 | 5 | 9 | - | 30 | 41 | 73.2 |
| Yarmouth | 15 | - | 14 | 29 | 2 | - | 7 | 9 | - | 38 | 40 | 95.0 |
| REGIONS | | | | | | | | | | | | |
| Acton-Boxborough | - | 8 | 9 | 17 | - | 6 | 7 | 13 | - | 30 | 32 | 93.7 |
| Amherst-Pelham | - | 16 | 10 | 26 | - | 9 | 13 | 22 | 1 | 49 | 49 | 100.0 |
| Frontier | - | 7 | 11 | 18 | - | - | 4 | 4 | - | 22 | 25 | 88.0 |
| Hawlemont | 2 | - | - | 2 | - | - | - | - | - | 2 | 8 | 25.0 |
| Lincoln-Sudbury | - | - | 7 | 7 | - | - | 10 | 10 | - | 17 | 17 | 100.0 |
| Silver-Lake | - | 16 | 8 | 24 | - | 7 | 7 | 14 | - | 38 | 40 | 95.0 |
| So. Berkshire | 6 | - | 18 | 24 | 2 | - | 6 | 8 | - | 32 | 52 | 61.5 |
| Tantasqua | - | - | 26 | 26 | - | - | 14 | 14 | 3 | 43 | 43 | 100.0 |
| Wachusett | - | - | 33 | 33 | - | - | 25 | 25 | - | 58 | 59 | 98.3 |
| STATE TOTALS | 8687 | 2091 | 2868 | 13,646 | 4341 | 2020 | 4014 | 10,375 | 170 | 24,191 | 32,022 | 75.5 |

| General Ledger | | | | | | | | | | Date | | Description | | Amount | | Balance | |
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DIVISION OF STATE TEACHERS COLLEGES

ANNUAL REPORT

July 1, 1957 to June 30, 1958

On July 1, 1957, Dr. Francis X. Guindon assumed his duties as Assistant Director of the Division of State Teachers Colleges. This position had been open since July 1, 1956, when Dr. D. Justin McCarthy, former Assistant Director, became Director of the Division of State Teachers Colleges to succeed Dr. Patrick J. Sullivan. Prior to his appointment as Assistant Director, Dr. Guindon had had experience as a teacher at Boston College High School; as Instructor at Suffolk University; as Assistant Professor at Boston College; as Assistant and Associate Professor (temporary) at the State Teachers College at Framingham; and as Assistant Professor in the State Teachers College at Lowell.

Student Enrollments

The total enrollment in the Massachusetts State Teachers Colleges and the Massachusetts School of Art as of October 1, 1957 was 6700, an increase of 10.8% over 1956, and the highest enrollment in the history of these institutions. This compares with a national increase of 6% for 1957-1958 in teachers colleges across the United States.

Faculty

For the academic year 1957-1958, forty-two new faculty positions were added to the State Teachers Colleges to provide for greatly-increased enrollment. The principle of a maximum student-teacher ratio of 15-1 continued to be the basis of requests for new instructional personnel directed to the Division of Personnel and Standardization and the Legislature. In practice these agencies accepted this principle except in regard to the State Teachers College at Boston where needed positions were denied in the 1958 supplementary budget.

The provisions of General Laws, Chapter 30, Section 46 as amended by the insertion of paragraphs 5 and 5a of Section 9, Chapter 729, Acts of 1956, making it possible to employ professional personnel at salary rates above the minimum, continue to help in the securing of new faculty members. Of those faculty persons employed initially between July 1, 1957 and July 30, 1958, 39.3% were employed at salaries above the minimum.

Studies

The study in General Education undertaken in 1953 under the direction of Dr. John F. Bowler, former Assistant Director of the Division of Teachers Colleges, has been completed. Copies will be available for distribution in the near future.

The first of the papers in this section is by Mr. J. H. R. Taylor, who discusses the question of the origin of the human race. He argues that the evidence points to a single origin, and that the various races of man are descended from a common ancestor. He also discusses the question of the migration of man from Africa to other parts of the world.

THE ORIGIN OF THE HUMAN RACE

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Commencement Exercises

At graduation ceremonies in August 1957, 40 Bachelor's Degrees and 172 Master's Degrees were granted for a total of 212 degrees. At graduation ceremonies in June, 1958 1296 Bachelor's Degrees were awarded and 258 Master's Degrees for a total of 1554 degrees.

Teachers College Conference

The Thirty-third Conference of State Teachers Colleges was held on April 11, 1958 at the State Teachers College at Bridgewater. The theme of the Conference was "A Balanced Program of Teacher Preparation for Today's Needs." Dr. L. Thomas Hopkins, Wheelock College, Professor-emeritus at Columbia University spoke on the subject "A Balanced Program for Teacher Preparation." His address was followed by a panel on the subject with Commissioner of Education Owen B. Kiernan as Chairman. The other members of the panel were Elizabeth R. Barlow, Associate Professor at Worcester; John F. Bowler, Professor at Framingham; Jordan Fiore, Professor at Bridgewater; John J. Fisher, Professor at Lowell and Lawrence J. Newell, Professor at Boston. The afternoon meeting included the "Report on Civic Education Project" by Thomas J. Curtin, Director of Civic Education and group meetings on the theme of the conference. William J. Bird, Executive Vice-President of the Greater Boston Chamber of Commerce, spoke on "Boston Today and Tomorrow" at the evening meeting.

Teachers College Extension Program

The Teachers College Extension Program again increased significantly in this, the fourth year of its operation. Three hundred thirty-seven courses were offered in the several colleges in the late afternoon, evening, Saturday and summer sessions as compared with two hundred eighty seven offered last year. There were 11,714 course enrollments. Intensive courses for the preparation of elementary school teachers were included in the program at five centers, and enrolled 185 students preparing to teach at this level in the public schools of the Commonwealth.

New Construction

Construction of the new gymnasium at the State Teachers College at Fitchburg was completed on July 26, 1957. On July 19, 1957, construction began on the new men's dormitory and dining room at the State Teachers College at Fitchburg. Completion is expected in January, 1959. On November 7, 1957, ground was broken for the new Auditorium-Gymnasium, Library and Administration Building at the State Teachers College at Salem. Completion of this project is expected in January, 1959.

-3-

As a result of a 1957 appropriation, purchase of the Kurlan and Bement properties adjacent to the State Teachers College at Framingham was accomplished in the spring of 1958. Similarly the purchase of the Emerton estate adjacent to the State Teachers College at Salem was made with funds appropriated in Fiscal, 1957.

Capital outlay appropriations were made for a new dormitory at the State Teachers College at Framingham, a men's dormitory, a women's dormitory, and enlargement of the dining facilities at the State Teachers College at Bridgewater, and a new science-gymnasium-auditorium building at the State Teachers College at North Adams. A total of \$5,240,000 was appropriated for capital outlay at the State Teachers Colleges and the Massachusetts School of Art for the fiscal year ending June 30, 1958.

Accreditation

At the Annual Meeting of the New England Association of Colleges and Secondary Schools on December 6, 1957, the State Teachers College at Westfield and Worcester were admitted to membership in the association.

At a meeting of the National Council for the Accreditation of Teacher Education on April 11-12, 1958, full accreditation was granted to the State Teachers College at Westfield.

These accreditations mean that all the institutions under the jurisdiction of this division have either regional or national accreditation, or both.

On December 12, 1958 the State Teachers College at Framingham received notice that the college has been placed on its approved list of institutions by the American Association of University Women.

New President

The Board of Education at a meeting held on March 25, 1958, appointed Professor Robert L. Bertolli of the State Teachers College at Boston to succeed the late President Gordon L. Reynolds in the position of President of the Massachusetts School of Art. The effective date of President Bertolli's appointment is August 1, 1958.

Entrance Examinations

On March 25, 1958 the Board of Education voted that students entering the Massachusetts State Teachers Colleges or the Massachusetts School of Art by examination on or after

-4-

September 1, 1959, must qualify by their scores on the Scholastic Aptitude Test of the College Entrance Examination Board.

New Program

On November 26, 1957 the Board of Education approved the request of the State Teachers College at Bridgewater to offer a new program providing a major in biology for students preparing to teach in the secondary schools of the Commonwealth.

STATE TEACHERS COLLEGE AT BOSTON

During the year 1957-1958 the student body reached a total figure of 1,356 divided among the classes as follows: graduate, 46; senior, 237; junior, 236; sophomore, 326; freshman, 511. The total faculty positions were increased to 80. Thus there was a ratio of 16 1/4 students to each faculty member. It is hoped to establish and maintain a ratio of 15 to 1 as soon as possible.

The Extension Department of this college for the continued training of classroom teachers already in service had an enrollment in each of its sessions as follows:

| | | |
|------|--------|-----|
| 1957 | Summer | 379 |
| 1957 | Fall | 763 |
| 1958 | Spring | 860 |

The following chart indicates the number of courses offered in each session and the number of persons included within the faculty:

| | <u>No. of Courses</u> | <u>No. of Faculty</u> |
|-------------|-----------------------|-----------------------|
| 1957 Summer | 24 | 15 |
| 1957 Fall | 32 | 25 |
| 1958 Spring | 31 | 33 |

This department grows each year as the number of teachers registering for courses increases. Both degrees, bachelor of science in education and master of education, may be secured through planned study in the extension department.

In September 1957 the State Teachers College at Boston began a curriculum program for the preparation of teachers on the junior high school level in the fields of English, Science, Social Studies, and Modern Foreign Languages. The purpose of this curriculum is to provide for each student a sound academic background in the field chosen and a sufficient professional training, including a half-semester of student-teaching, to prepare the student for successful classroom teaching. During the first two college years the curriculum for all students will continue to be fundamentally the same with the exception of a choice between a course entitled Early Child Development and one entitled Adolescent Psychology. At the end of the sophomore year each student, except those in the Industrial Arts program, may now select among the Kindergarten-Primary, Elementary, and Junior High curricula. It is the hope of the college administration that the college will thus be able to serve the community better as the demand for teachers above the elementary school level grows.

-2-

The State Teachers College at Boston is still growing in student body and in faculty. The necessary number of faculty members seems never to be reached as the numbers of students applying for admission to the college grows each year. However, it is necessary to restrict admissions as the physical plant of the college has not yet been expanded. Plans are just now in the beginning stages of drawing for the expansion of the library and for the construction of a new auditorium to seat at least 1,500 persons. It is hoped that this construction will soon be under way.

Other expansion plans have been proposed to include a science building, a student cafeteria-recreation building, a new gymnasium or an expansion of the present inadequate gymnasium, a new classroom building. This needed expansion, in order to keep pace with the growth of the student body, is now under consideration. Without this physical expansion it will be necessary to restrict admission each year.

A request has been made by the President of this college, together with the Presidents of the other State Teachers Colleges, that the degree-granting power of the Board of Education be extended so that degrees other than those restricted to the field of education be granted. The very broad liberal arts program of this teachers college warrants the granting of such degrees as bachelor of arts, master of arts, master of arts in teaching. The granting of these degrees will strengthen the prestige of the teachers colleges and will enable them to serve the student enrollment and the Commonwealth more effectively. The beginning of the program to bring about this extension of degree-granting power has been initiated during the year 1957-1958.

This college has served as host to several conferences in the field of education. This phase of the college's service to the profession has grown each year. Many of these conferences have been held under the direction of various departments of the State Department, a minority number under educational organizations. It is the desire of the President of the college to encourage the use of the college by professional groups for the advancement of the profession through meetings and conferences.

On January 22, 1958 the college suffered a great loss in the death of Dr. Regina D. Madden of the English department. Dr. Madden will be remembered by her colleagues and students as an able scholar and most successful teacher, a sincere and devoted friend, and a person of the highest principles.

-3-

At the close of the college year two faculty members, Margaret M. Sallaway and M. Harvey Read, joined the ranks of the retired faculty members. Mr. Read joined the faculty of The Teachers College of the City of Boston in 1922, Miss Sallaway in 1924. Together they have given more than seventy years of faithful service to teacher education and have been an inspiration to the students and to the younger faculty members.

STATE TEACHERS COLLEGE AT BRIDGEWATER

Another Record Established

The historian of each passing year at Bridgewater records an ever increasing student body - last September we registered nine hundred and fifteen students, the Freshman class constituting about one third of the group. There was a time when our complaints were based on the fact that our faculty numbers were not keeping pace with the increase in the student body; now that this problem has been satisfactorily solved, we are suffering from lack of physical space - classrooms, laboratories, and faculty offices. With the implementing of the Governor's building program we have hopes that the "twain shall meet".

Honor Comes to Bridgewater

The most important event of the year for Bridgewater was the appointment of Dr. Owen B. Kiernan, Bridgewater Alumnus, as Commissioner of Education for the Commonwealth. Dr. Kiernan, a member of the class of 1935, understands deeply and thoroughly the problems of our Teachers College and is fully prepared by background, experience and sympathies to direct their building programs and their academic expansion.

The Library Moves Over and Onward

The project for the transfer of our library from its old quarters in Boyden Hall to the New Library became front page news during its progress. During the latter part of February our student body under the direction of Miss Beatrice Bouchard undertook the task of moving our entire library of 30,000 volumes and thousands of periodicals. The task was completed in less than two days and within a week our new library building became a fully functioning unit of our campus activities. The story with pictures was carried by the Boston daily papers and the Associated Press. The New Bedford Standard-Times, Sunday Edition, gave the event a two-page spread of pictures in the Rotogravure section.

New Major Curriculum

In September 1958 the College instituted a new science major - a concentration in Biology. It got off to a good start, but, of course, we must educate the guidance personnel of the state's high schools into a realization of its existence and its values.

-2-

Bridgewater Welcomes Professional Groups

On October 18, 1958, for the first time in many years Bridgewater acted as host to the annual convention of the Plymouth County Teachers Association. Beginning on that same day, the New England Regional Association of Student Teaching conducted their annual week-end conference at the College under the general chairmanship of Mr. Balfour Tyndall, Director of Apprentice Teaching at Bridgewater.

Where Praise Is Due

The college history should record the retirement of Miss Olive M. Lovett, for thirty-five years a member of the English Faculty. These years represent untold generosity of service and help to those students fortunate enough to come within the orbit of her influence. She will be missed by faculty and students alike.

Academic Asides

Mr. Ronald Carroll, Bridgewater 1958, has been awarded a graduate fellowship in Biology at the University of Illinois for the year 1958-1959. Mr. Henry Daley, Bridgewater 1958, will pursue graduate work in Chemistry under a fellowship given him by Boston College for the coming year. Clark University has honored Robert Huhtanen, Bridgewater 1958, with a graduate scholarship in Geography for the year 1958-1959. Yeshiva University has awarded a second year of graduate fellowship to Mr. Alvin Rubin, Bridgewater 1957.

STATE TEACHERS COLLEGE AT FITCHBURG

The enrollment of this college reached a new high this year with 664 students being enrolled and a faculty of 65. An increase in the training school enrollment brought the total number of persons on campus to over 1350.

Staff Changes

Mr. Arthur Harrington and Mr. Clifford Hague retired at the end of this college year. Mr. Harrington served the State for thirty-nine years in the History Department of this college while Mr. Hague served twenty-six years in the Industrial Arts Department.

The following teachers were appointed to the Industrial Arts Department during this college year: Mr. Joseph Carpenter to replace Mr. Furinton who retired last September; Mr. Clarence Calder to assist Dr. Donnelly; and Mr. Rene Thomas to succeed Mr. Eckhart Jacobsen who resigned to accept a position at the University of Maryland.

Mr. Thomas A. Malloy Jr. transferred from the Lowell Teachers College to the History Department at this college this year and Dr. Frank Wolf was appointed a temporary professor of Biology to replace Dr. Matthew Brennan who is on a leave of absence until September, 1959. Dr. Brennan was granted a two year leave to serve as Chief of the Meteorological Program at Ellsworth Station in Antarctica. Mr. Vincent Hawes and Mr. Bernard Foley joined the training school faculty at the beginning of this college year. Mr. Nicholas Cepoules joined the faculty of our junior high training school as instructor of mathematics. In February, 1958, Dr. William Tracey was given a leave of absence from his position as Director of Training to work as Educational Consultant to the Staff of the Army Security Agency School at Fort Devens. Dr. Tracey's position here was filled by Mr. Vincent Hawes of the training school staff who is acting as Director of Training during Dr. Tracey's leave.

Mr. John Fitzgerald, associate professor of arts and crafts in the Industrial Arts Department, was transferred at his request to the State Teachers College at Bridgewater, to become effective at the beginning of the next academic year. Mr. Richard Oresden resigned his position in the Edgerly training school where he was principal and supervisor of grade six.

Mrs. Catherine Weston passed away suddenly on May 12, 1958. She received her elementary training in the training schools at this college where she also received a four year diploma, a Bachelor of Science in Education degree and a Master of Education degree. At the time of her death she had given 17

years of service as supervisor of grade one at the Dillon training school.

Industrial Arts Department

The major project of the Industrial Arts Department this year was the American Industrial Arts Association Convention in Boston. Since Mr. Hammond, director of our Industrial Arts Department, was general chairman of the convention, Fitchburg Teachers College played a very prominent part in the planning and conducting of the convention. Every member of our staff was on the program and since the convention our Industrial Arts Department has received letters from every section of the country complimenting us on the program and making inquiries into the activities of the department in this college.

One outgrowth of the convention was the recommendation that Fitchburg Teachers College be included in the list of eleven selected colleges to which the winners of the International Graphic Arts Association scholarships may matriculate. The recommendation was accepted.

The Community College program has about held its own. We did not carry on an extensive promotion program because we are awaiting the report from the Governor on his plans for the Community College. Interest is very much alive but we feel this project will need added stimulation in another year if it is going to fulfill its possibilities.

Our Industrial Arts Department has continued to serve schools throughout the Commonwealth in planning new shop installations and in curriculum revision. Approximately twenty-four school officials have contacted us for advice on shop planning, equipment lists and general matters pertaining to curriculum. In addition, Mr. Hammond has visited about six communities and advised them on their program.

Special Education

On June 10, 1958, nine students graduated in the fourth class in the field of special education for the teaching of the mentally retarded. This department is growing each year and nineteen students have enrolled to enter this course as freshmen next September, 1958.

Repairs, Alterations and New Construction

During the past year the following projects have been accomplished:

1. New heating system for the administration building
2. New roof on Palmer Hall
3. New walks and driveways on the front campus

-3-

4. New snow rails on the administration building
5. Partition built in Room 13 to make an additional classroom

In September, 1957, the new gymnasium was first used and was completely equipped by February of this college year. A tournament for small high schools was held during the February vacation, the victor being Groton High School.

At the present time our new dormitory is 62% completed and it is expected to house approximately 150-160 men students. The kitchen and dining room in this new building will provide for 350 students.

STATE TEACHERS COLLEGE AT FRAMINGHAM

The State Teachers College at Framingham opened on Monday, September 15, 1957 with an enrollment of six hundred and fifty-three, the largest enrollment in the long history of our college.

As has been the custom for the past few years, all the freshmen were invited to the campus on the Sunday preceding the opening of the college. The new students participated in an orientation program which made them familiar with college traditions and procedures.

During the year properties close to the college were acquired. The Bement property, contiguous to our campus on the south side will be converted into a Home Management House. On the Kurlan property will be erected a new dormitory and student union.

Our college suffered a great loss when Dr. Eleanor Chase, who had taught chemistry here for a generation, presented her resignation.

One of our sophomores, Karyl Ann Benson, of Middleboro was chosen at the 4 H convention in Chicago as the most outstanding 4 H Club girl in the United States. President Eisenhower presented her with a chest of silver and later had her as his guest for breakfast at the White House.

During the year we were honored with a visit from Mrs. Furcolo, the wife of Governor Furcolo.

The Thirty-fifth Annual Conference of Junior and Senior High School Principals was held at our college in April. The Thirty-third Annual Conference of the Massachusetts Deans Association was held at the same time.

A Parole Training Institute, established by the Parole Board as an in-service program for the improvement of service, was held at our college in June. It was jointly sponsored by the Division of University Extension of the Department of Education, the Division of Personnel and Standardization and the Parole Board.

The name of our college was added to the approved list of the American Association of University Women. Our college is one of the few teachers colleges in the country to have that distinction.

Applications for admission to our September 1958 class total six hundred and forty-one. Of those, three hundred and forty-three desire dormitory rooms. We shall admit about two hundred and thirty, less than one hundred of whom can be given dormitory rooms. Our total September 1958 enrollment will exceed six hundred and seventy.

STATE TEACHERS COLLEGE AT LOWELL

There was no summer session at Lowell in 1957. Summer classes were transferred to Framingham State Teachers College. The College opened on September 16, 1957, with a total enrollment of 464 students.

New additions to the Faculty were Robert Shaughnessy, Instructor, Music; Alice Kiernan, Instructor, Education; Phillip Dooley, Instructor, Psychology; Patricia Goler, Instructor, History; Frederick Norton, Instructor, Social Studies; and Barbara Bennett, Instructor, Music, to temporarily replace Professor Edward Gilday who was granted a sabbatical year leave of absence to study musical organizations in European lands. Miss Gertrude Cunningham was granted a leave of absence for the second semester at the request of Connecticut Commissioner of Education, William Sanders, to assist Dr. Harold Benjamin in a Connecticut Educational Survey for the Ford Foundation. Dr. Francis X. Guindon was appointed from the Lowell Faculty to be Assistant Director of the Division of State Teachers Colleges, in Boston. Herman Brase, who retired in June of 1957, died the following winter.

This year saw the award of the first four of ten City of Lowell Scholarships voted by the Legislature and the City Council to aid needy Lowell students attending the College. Twenty-four additional scholarship awards were made to students by the Massachusetts Board of Educational Assistance and three scholarships by the Massachusetts Scholarship Foundation. All these were new scholarship foundations which it is hoped will grow over the coming years.

Extensive alterations were carried on during the year to convert the Allen Estate, formerly the convent of the Grey Nuns, to a dormitory for 21 girls scheduled to be opened in September, 1958. For the second year in succession, the college baseball team won the championship of the New England Teachers College Athletic Conference. The baseball team has lost only one Conference game in two years of League competition. The basketball team split even during the season. "Pegasus", the only student literary magazine published in the ten Massachusetts State Teachers Colleges, won first prize for literary excellence among colleges of education in the Columbia Scholastic Press Association Conference.

Increasing community awareness of the exceptional advantages of the Little Theatre for musical and dramatic productions led to its use during the year by the following organizations: Community Concerts Association, Lowell Choral Society, Lowell Opera Association, Parker Lectures, Goodwill Associates, Industrial Management Associates, Catholic College Club, C.B.S. Hytron, Keith Hall, Notre Dame Academy,

-2-

Massachusetts Physical Education Conference, Greater Lowell Boy Scouts Leadership Conference, Lowell General Hospital School of Nursing, Catherine Laboure School of Nursing, St. Patrick's School Alumni, Temple Beth-El, Daughters of Penelope, and National Guild of Piano Teachers. These were in addition to the customary series of college musical and dramatic productions presented by students which included Bops Pops, Finian's Rainbow, Band, Choral, and Orchestral Concerts.

At the June, 1958, Commencement degrees were conferred by Judge Frank Tomasello upon 93 Elementary Education majors and 18 Music Education majors, a total of 111 graduates.

STATE TEACHERS COLLEGE AT NORTH ADAMS

Submitted herewith is the Annual Report of the activities and conditions at North Adams for the year ending June 30, 1958.

Attendance

The total number of students enrolled in regular campus courses during the year was 268. Of this number 149 were men and 119 were women. The distribution by classes was as follows:

| | <u>Men</u> | <u>Women</u> | <u>Total</u> |
|------------|------------|--------------|--------------|
| Freshmen | 62 | 46 | 108 |
| Sophomores | 38 | 29 | 67 |
| Juniors | 24 | 23 | 47 |
| Seniors | 19 | 17 | 36 |
| Specials | <u>6</u> | <u>4</u> | <u>10</u> |
| Totals | 149 | 119 | 268 |

The total number was considerably higher than in 1956-1957, and it is apparent that this September the enrollment will reach the present capacity of the college.

Extension Program

We continue to meet the needs of teachers in service through our extension and summer courses. A total of 1,257 semester hours were earned by extension students on campus during the year and 198 individual teachers were in membership. This figure includes only the resident students in extension and does not include students taking University Extension courses off the campus.

Degrees Granted

The following degrees were granted:

| | |
|---|-----------|
| Bachelor of Science in Education in course | 34 |
| Bachelor of Science in Education in extension | 20 |
| Total | <u>54</u> |
| Master of Education in extension | <u>16</u> |
| Total degrees granted | 70 |

Guidance Clinic

The clinic, established in 1952, now under the direction of Miss Martha E. Durnin, continues as a center for testing and remedial reading work for the children of the whole area. Over 900 cases have been handled by the clinic since its inception.

-2-

The Northern Berkshire Mental Health Association, Inc., a psychiatric child clinic sponsored by the Department of Mental Health and the local communities, continues to operate in their quarters located at the college.

Faculty

Changes in the faculty were: Miss Mary Merrigan was appointed to fill last year's vacancy in the Training School; Miss Mary Underhill, Chairman of the English Department, retired June 30, 1958; Miss Martha E. Durnin, Assistant Professor, teaching curriculum and methods, remedial reading, and in charge of the clinic, also retired June 30, 1958. These vacancies have not as yet been filled.

Building Maintenance and Equipment

The sum of \$1,500,000 was appropriated by the Legislature in September 1957 for the construction of the new science, auditorium, and gymnasium building. Final plans and specifications have been made by the architect and it is expected that construction will commence during the coming summer.

During the past spring, Mr. Frank R. Masiello, Jr. of Worcester was appointed architect to prepare preliminary plans for the modernization of the main college building, it being the intent to modernize this building along with the construction of the new building. No appropriation for this work has yet been made.

Other repairs during the year were made. A new ceiling was constructed in the basements of the main college building and the dormitory, and a tile floor was laid in the former area. The third floor of the dormitory was completely remodeled and was in full use during the year for the first time in decades.

Accreditation

The college is fully accredited, both as a college and as a professional school for the preparation of teachers.

Conclusion

The college, in equipment and faculty, can fully meet the standards required for training teachers, and is so recognized. When the new building is finally built, the college expects to nearly double its present enrollment.

STATE TEACHERS COLLEGE AT SALEM

Student Body and Faculty

The enrollment for the college year 1957-1958 reached a record-breaking total of 850 students, 487 women and 363 men; 110 of the group are veterans. The Horace Mann Training School had a record enrollment of 335 pupils.

Six new faculty members were added to the staff during the college year. The college Extension Program offered twenty-eight courses for teachers in service studying for the master's degree in education.

College sessions were suspended on October 9 in order that faculty members could attend the Essex County Teachers Association Convention held at Swampscott, Massachusetts.

Ground-Breaking Ceremony

Ground-breaking for the new buildings took place Thursday, November 7, 1957. President Frederick A. Meier presided. The Commissioner of Education, the Director of Teachers Colleges, and members of the Board of Education took part in the program. The new building now under way at the college includes a library, gymnasium, cafeteria, auditorium, and office wing. The completion date has been set by the contractor as December 31, 1958.

Closed-Circuit Television at Salem Teachers College

A closed-circuit television program was presented at the college in November. The college President, members of the faculty, and several students took part in the program. Closed-circuit television may play an integral part in future teacher-education programs.

Presentation by the Beckwith Associates to the College

The Beckwith Associates presented to the college a painting of Dr. Walter P. Beckwith, Principal of Salem Normal School, 1896-1905.

College Paper First Place Winner

The Log, the college paper, received first place rating for the third consecutive year in the annual competition of the Columbia Scholastic Press at Columbia University.

Expansion of Degree-Granting Authority

The President of the college appeared before the Education Committee of the General Court to present evidence that teachers colleges in population areas should become multi-purpose

institutions. The Massachusetts Board of Education in House Bill 35 had requested legislation which would authorize the Board to confer such appropriate degrees as it might determine and prescribe. In the teachers colleges which are located in population centers, the proposed expansion would enable large numbers of our worthy and intelligent young people to live at home and receive the higher education so vital to their future and the future of the Commonwealth.

Important Issues

For the second year a required course without credit was given to all seniors. During the last half of the second semester, the seniors had the opportunity to hear and participate in panel and group discussions led by leading educators.

Salem Alumni

The Salem Alumni has evidenced remarkable growth and activity during the year. Several times each year the alumni sends a "Newsletter" to members of the association. Many alumni clubs have been initiated in surrounding communities. Fourteen members of the teaching staff at the college and training school are members of the Salem Teachers College Alumni Association.

Dedication of Yearbook

The Clipper, senior yearbook, was dedicated to Mr. George Moody, Director of Training. The theme of The Clipper was centered about the new building program: "All were parts of an infinite plan which was wholly wise and good."

Investiture Ceremony

One hundred forty seniors received academic garb in April during the investiture ceremony in Chapel Hall. Each senior was individually invested by President Meier before he delivered the investiture address.

Economic Development Seminar

A seminar on a plan of action for the economic development of Salem was held at Salem Teachers College on May 22, 1958. Participants in the program were Mayor Francis X. Collins; Rev. W. Seavey Joyce, S. J., Ph. D., Dean of the Boston College School of Business; speakers included Mr. Gerald Hotchkiss, Mr. Gerald W. Blakeley, Jr., Mr. Harold E. Dow, and Mr. W. Adam Johnson.

Class Day, Alumni Day, Baccalaureate, and Graduation

On May 24, 1958, Mrs. Alice M. Lyons, Chairman of the Massachusetts Board of Education, was principal speaker at Alumni Day festivities, held at the college. The college President welcomed a large gathering of the alumni and spoke briefly.

-3-

On June 4, 1958, Mr. John Canty, Director of Business Education for the Boston Public Schools, spoke to the seniors at their Class Day program held at the Hotel Hawthorne.

At 10:30 on the morning of June 8, 1958, Reverend Bradford Gale gave the Baccalaureate address to more than 140 seniors. The program was held in Chapel Hall at the college.

At graduation, held on the college campus, Dr. Francis Keppel, Dean of the Faculty of Education at Harvard University, gave the Commencement address to 140 candidates for the Bachelor's degree and 17 candidates for the degree of Master of Education.

Conclusion

At the present time there is universal agreement among educators and population experts concerning the shortage of higher educational opportunities for the youth of the Commonwealth. It is generally agreed that the expansion of existing facilities is more economical and practical than the establishment of new ones. During the present crisis in higher education, the teachers colleges are in need of not only greater expansion but more realistic appropriations for supplies, equipment, and current repairs.

STATE TEACHERS COLLEGE AT WESTFIELD

In previous reports I stated that Westfield State Teachers College with its new campus, buildings and modern equipment was about to embark on a period of great activity which gave every promise of accomplishing all that makes a teachers college great. These accomplishments began to take root in the scholastic year ending June 30, 1958, and together with other significant events of historical importance made the year 1958 the most outstanding one in the history of the college.

In November the college was concurrently visited for three days by committees from the New England Association of Colleges and Secondary Schools and the National Council for Accreditation of Teacher Education for the purpose of evaluating our teacher preparation program. After most favorable reports from the committees, the college was formally admitted to membership in these organizations in December and February and thus became a fully accredited institution with national recognition.

A convocation was held on February 1, 1958, in recognition of the twenty years service which President Edward J. Scanlon had given as head of this college. A suitable scroll commemorating this event was presented to him by members of the faculty.

In June the Board of Education granted to the college the right to set up a full program leading to a M. Ed. degree. Through this program, the college will be able to give full service to all the teachers in this area seeking this advanced degree.

A joint musical concert with Keene State Teachers College, Keene, New Hampshire, was given in May as part of our commencement activities.

Graduation exercises were held on June 8, 1958 in the college auditorium. Mrs. Robert A. Pederson of the Board of Education conferred the degrees. Commissioner of Education, Dr. Owen B. Kiernan, gave the commencement address. This was the largest graduating class in the history of the college, numbering seventy-four.

The total enrollment of the college was 442. The freshman class numbered 142. These figures also represent the highest totals in the history of the college.

On November 3, 1957, Westfield lost its only other living president. Dr. Charles Russell, who was president from September 1925 to February 1938, passed away on that date.

-2-

Governor Furcolo recommended a capital outlay program of \$5,261,000 to the State Legislature. This program includes the following new buildings: Dormitory wing, new women's dormitory, new classroom building, new men's dormitory, new training school, and a student union building.

The senior class gave a gift of \$250 to build a new fireplace in the picnic area, the alumni made available the sum of \$1000 to the library, and the Student Council made a gift of \$700, also for the use of the library.

STATE TEACHERS COLLEGE AT WORCESTER

The most outstanding event of the school year 1957-1958 was the regional accreditation of the Worcester State Teachers College by the New England Association of Colleges and Secondary Schools. Although the Worcester State Teachers College had been accredited on a national basis since 1941, this constituted its first regional accreditation.

The construction of the new library-gymnasium building and the repairs to the present administration building progressed satisfactorily during the year. As promised, the eight additional classrooms and six offices in the present building were ready for occupancy at the opening of school on September 9, 1957. Certain minor repairs and changes in the project remained to be done.

Guest of honor for the Annual Scholarship Tea was Mr. Clarence S. Brigham, Director of the Worcester Antiquarian Society, and a well-known educator. The affair followed a pattern similar to that of previous scholarship teas and helped to finance several scholarships for the college.

Two hundred and twenty-eight freshmen were admitted to the September 1957 class. This enrollment represented an increase of ninety students more than that of the previous year. One hundred students on the waiting list became discouraged and went elsewhere before they were reached. The total enrollment was five hundred and ninety-five students, an increase of seventy-five students more than the enrollment of September 1956.

Miss Valerie A. Jayne of West Roxbury, Massachusetts, temporary substitute in the art department, was replaced by Miss Mary T. Cosgrove, who began her duties September 1, 1957. Dr. Paul A. Holle was appointed to teach biology, replacing Miss Agnes E. Scribner, who retired in June, 1957. Dr. Francis G. Walett was appointed to teach history, replacing Dr. Marvin Bernstein, who resigned to take a position with the federal government.

Various new positions were filled. The new faculty members and their positions are as follows: Miss Vera Dowden, social studies; Mrs. Helen G. Shaughnessy, supervision; Miss Helen Thompson, mathematics; Mr. Achille A. Joyal, psychology; Mr. Robert E. Todd, English; Mr. Vincent R. DeBenedictis, French and English. Dr. Guy Winslow of the History Department, and Miss Margaret E. Maher, a training-school teacher at the Tatnuck School, retired on June 30, 1958.

The following promotions were made effective September 1, 1957 by the State Board of Education: Dr. Edmund C. Osborne from associate professor to professor; Mr. George Flint Taylor and Dr. Carleton E. Saunders from assistant professors to associate professors; Mr. John E. Eager, Dr. William L. Sullivan, Mr. Paul J. McCarron, and Mr. John P. Mockler from instructors to assistant professors.

The college continued its policy of operating educational conferences. "Audio-Visual Aids" was the subject of the Annual All-Day Conference. This conference was devoted to the study of the philosophy underlying the use of audio-visual devices. A general meeting was held in the auditorium in the morning, and individual workshops took place in the afternoon. Miss Ruth V. Somers, Educational Field Service Agent, was chairman and organizer of this conference.

An arithmetic workshop was held in Auburn and Sutton for teachers of those areas. A science conference was held in Northbridge for the teachers of Upton, Bellingham, Mendon, Uxbridge, Hopedale and Northbridge. A conference on secondary education was held in Uxbridge for the teachers of that area. These were all-day conferences.

In addition, half-day workshops in reading were held in Clinton, Franklin, Brookfield, and Spencer. During the year the work of the Educational Field Service Agent, Miss Ruth V. Somers, involved visiting thirty-five communities, twenty-six superintendents of schools, twenty-seven principals and supervisors, and thirty-nine graduates of our 1957 class.

Faculty members and the President spoke at many conventions, institutes, and gatherings of an educational nature. Dr. Elizabeth V. Foster was the main speaker and a consultant at the New Bedford Teachers' Institute. During the year she served as president of the Massachusetts Administrative Women in Education. Dean Joseph A. Shea spoke to the New England Catholic Classical Association on the subject "Decline of the Classics". He also conducted a testing program for the town of Shrewsbury. Dr. S. Willis Rudy was co-author of a book entitled "Higher Education in Transition" with Yale professor Dr. J. S. Brubacher.

President Eugene A. Sullivan was again elected vice-president of the Massachusetts Council of Teacher Education. He served as chairman of the American Legion exercises held in Worcester to commemorate the dead of World War I. Kappa Delta Pi, national honor society in education, initiated him into membership. Inspecting the Navy Pilot Training facilities, he was a guest of the United States Navy in Pensacola, Florida. He was a consultant at the meeting of the American Chemical Association, Worcester County Division. The Kiwanis Club appointed him judge of the Science Fair state finals. The topic of his speech to the Naval Reserve Officer Training Group at the South Boston Navy Yard was "Education in the Military Forces".

MASSACHUSETTS SCHOOL OF ART

This eighty-fourth year in the history of the school began with an enrollment of 478 students, 135 of whom were entering Freshmen.

Mr. Robert Newman, internationally known painter and Fulbright scholar, was appointed to the Department of Fine Arts as Instructor of Painting and Graphic Arts. Mr. Robert Larter was appointed as Instructor of Instrumental Drawing. Dr. S. Earle Richards was appointed as 3/10 time Associate Professor of Sociology. Dr. Richards is Professor of Sociology at Wheelock College. Dr. Josiah L. M. Baird was appointed as Dean and Registrar to fill the vacancy left by the retirement of Mary E. Murray. Dr. Baird is a former Fulbright scholar, having majored in Ceramics and Sculpture. Mr. Calvin Burnett was appointed on a permanent basis as Instructor of Perspective and Drawing to fill the vacancy left by the retirement of Theron I. Cain.

On March 25, 1958, the Board of Education appointed Robert L. Bertolli, head of the Art department of Boston State Teachers College, as President of Massachusetts School of Art to take effect as of August 1, 1958. This vacancy was created by the death of Gordon L. Reynolds on April 28, 1957, since which time Professor Otis A. Philbrick has been serving as Acting President.

At the Commencement Exercises on June 8, 1958, the Degree of Bachelor of Science in Education was conferred on twenty-three graduates and the Degree of Bachelor of Fine Arts was conferred on seventy-eight graduates. Dr. D. Justin McCarthy, Director of State Teachers Colleges, gave the Commencement address.

The Annual Exhibition was open to the public from June 9 through June 13. "Open House", with the added attraction of a fashion show presented by the members of the Fashion Design course, attracted a large audience which filled the rooms, corridors, auditorium and foyer to capacity. The occasion was honored by the presence of Mrs. Alice M. Lyons, Chairman of the Board of Education.

DIVISION OF ELEMENTARY AND SECONDARY EDUCATION

GENERAL

When the history of our times is written, the year just past will undoubtedly be recorded as a critical one for American Education. It was during this year, specifically on October 4, 1957, that the first satellite was launched by Russia and this momentous event sparked a rather questioning attitude on the part of some Americans toward public education, particularly as it relates to the preparation of young people in mathematics and science.

Statistics appeared relative to the percentage of students taking courses in these branches and the number of high schools which were not offering courses in physics and chemistry, particularly. Some of these statistics were misleading in that they did not take into account the fact that, in small high schools, physics and chemistry are sometimes given in alternate years and, therefore, the number of students taking these branches in any one year does not reflect accurately the total number who take them in the course of a four-year-high-school program.

The attitude of the public did cause school people, generally, to take a realistic look at their programs in science and mathematics and some improvements have resulted and will result as a consequence. Already, additional high schools are planning to accelerate the science and mathematics programs, scheduling general science and algebra in grade eight and moving biology, chemistry, and physics down one year, thereby making it possible for students to take advanced mathematics and advanced science in the senior year. This reappraisal of the science curriculum has resulted in a reappraisal of the curriculum in other branches, due to the recognition of the continued need for the kind of balanced program which is essential to the success of the democratic form of government. We, therefore, are seeing the further development of accelerated programs in English, with the possibility of honors or advanced work in this branch also.

It should be stated here that these developments were not occasioned directly by the critical attitude resulting from the launching of the first earth satellite. They were being studied and in some cases were in operation in our schools prior to that time. However, they were given added impetus by this event.

During the year, some criticism of education in the United States as contrasted with its Russian counterpart and its more rigorous demands was expressed. As historians appraise our times and evaluate these criticisms, they should bear in mind that the educational systems are diversified as the ideologies are diversified, that the educational systems reflect the divergent philosophies of the two nations. We have long since adopted it as a policy that every student should be educated to the limit of his particular abilities, so that he may make the best possible use of his talents as an individual, thereby contributing more intelligently to a democratic society, whether as a leader or as a follower. We have thus accepted the responsibility for educating all of the children of all of the people and all of the children cannot meet the challenges of advanced mathematics and advanced science.

For purposes of the record, it should be noted here that in a recent study of course enrollments in Massachusetts secondary schools it was found that sixty-four per cent (64%) of our students were enrolled in courses in algebra; fifty per cent (50%) in plane geometry; seventy-three per cent (73%) in general science; sixty per cent (60%) in biology; forty-nine per cent (49%) in chemistry; thirty-three per cent (33%) in physics; and forty-seven per cent (47%) in foreign languages.

SUPERVISORY VISITS, CONFERENCES, INSTITUTES, AND WORKSHOPS

During the year 1957-58 members of the staff of the Division of Elementary and Secondary Education made a total of four hundred and forty-eight (448) supervisory visits to two hundred and twenty-three (223) of the three hundred and fifty-one (351) cities and towns of the Commonwealth. The Division staff also conducted five (5) state-wide conferences and two (2) other conferences covering a substantial number of the cities and towns. Twenty-seven (27) workshops and institutes were conducted for teachers or administrators during the year and the members of the staff attended eight (8) national or regional conferences conducted outside the State.

EDUCATIONAL SURVEYS

During the past year the final reports of the surveys of the elementary schools of Bridgewater and Rowe and the high school at Southbridge were sent to the school committees. A survey of the Rochester Consolidated School was completed and a final report was made to the school committee.

The survey of the schools under the jurisdiction of the Department of Correction, mentioned in the Annual Report for last year, was continued with visits to the institutions at Framingham and Walpole. The final report on Norfolk and Concord was made to Commissioner Arthur Lyman in January of 1958 and the final report on Framingham and Walpole was made in April of 1958.

CHANGES IN PERSONNEL

John F. McGovern

On October 31, 1957, Mr. John F. McGovern, Supervisor in Education (Secondary), resigned to accept the position of Principal of the Walpole High School. Mr. McGovern came to the Department on January 1, 1955 from the Principalship of the Bridgewater High School. He did outstanding work as a Supervisor in this Division and his resignation was accepted with regret.

James R. Powers

Effective April 14, 1958, Mr. James R. Powers was appointed Supervisor in Education (Secondary) to succeed Mr. John F. McGovern. He is a graduate of Boston College where he received the degrees of Bachelor of Arts and Master of Arts and has completed all of the course work for the degree of Doctor of Education at Harvard University. Prior to his appointment, Mr. Powers had fourteen years of experience as a teacher and administrator, including experience as Principal and Assistant Principal in junior high schools in Arlington. He is a veteran of World War II.

Joseph L. Driscoll

In the annual report for 1956-1957, the action of the Board of Education transferring Dr. Joseph L. Driscoll from the position of Supervisor in Education, Division of Teacher Certification and Placement, to the position of Supervisor in Education (Secondary), Division of Elementary and Secondary Education, effective November 1, 1957, was recorded. Because of the serious illness of Dr. Thomas A. Phelan, Dr. Driscoll was appointed Acting Director of the Division of Teacher Certification and Placement and, therefore, did not assume his duties in this position.

Senior Supervisor in Education (Science and Mathematics)

Included in the budget of the State Board of Education for 1958-1959 was an item for funds to enable the Board to employ a Senior Supervisor in Education for Science and Mathematics to perform the following duties: Under administrative direction to assist in the supervision of science and mathematics education in the schools of the Commonwealth by: (a) participating in curriculum development and research; (b) conducting conferences, workshops, and seminars for the improvement of programs in these areas; (c) assisting in conducting educational surveys; (d) coordinating the science and mathematics programs at the elementary, secondary, and collegiate levels; (e) addressing groups interested in the improvement of instruction; and (f) performing related work as required.

In anticipation of favorable action on this request of the Board, a bulletin stating the duties of the position and the qualifications of applicants was sent throughout the Commonwealth and applications were invited. The appointment to the position will not be made until the next fiscal year.

CONFERENCE FOR SUPERINTENDENTS OF SCHOOLS

The Forty-third Annual State Conference for Superintendents of Schools in Massachusetts was held at the State Teachers College at Bridgewater on April 22 and 23, 1958.

A large part of this year's program was devoted to discussions of science and mathematics in both the elementary and secondary schools. Also discussed were the use of testing programs, research and statistics, certification, special class regulations, school legislation, and The Physical Science Study.

Honorable Torbert H. MacDonald, Member of the United States House of Representatives, spoke at the dinner meeting on "The Responsibilities of Education in the Areas of Mathematics and Science."

John G. Read, Professor at Boston University School of Education, discussed "What Constitutes a Modern Program in Elementary School Science" and Rolland R. Smith, Co-ordinator of Mathematics, Springfield Public Schools, discussed "What Constitutes a Modern Program in Elementary School Mathematics."

These talks were followed by a panel on elementary school science and mathematics. Later in the program, M. Marcus Kiley, Deputy Superintendent of Schools in Springfield, discussed "What Constitutes an Effective Program in Science for the Secondary Schools", and Reverend Stanley Bezuska, S. J., Chairman of the Department of Mathematics at Boston College, discussed "What Constitutes an Effective Program in Mathematics for the Secondary Schools". These talks were followed by appropriate panel discussions.

"The Physical Science Study - An Experiment in the Redesign of High School Physics" was the subject of an address by Dr. Elbert P. Little, Executive Director of the Physical Science Study Committee of the Massachusetts Institute of Technology.

The talk on the more effective use of testing was given by Dr. Frank L. Sievers, Chief of the Guidance and School Personnel Section of the United States Office of Education. His talk was followed by a panel discussion.

SECONDARY EDUCATION

During 1957-58 the Office of Secondary Education continued its important work of visiting the junior and senior high schools of the Commonwealth, planning, conducting, and participating in conferences, workshops, and seminars in the field of secondary education, and providing information and materials to administrators, teachers, and lay people throughout the Commonwealth.

The following are programs of special emphasis for which the Office of Secondary Education provided service and leadership during the year 1957-58:

Studies from Biennial Surveys and Directory Letters

For the first time in a number of years, it was possible for the office to tabulate and analyze completely the information included in the junior high school and the senior high school biennial surveys and the annual directory letters. Many brief studies were made during the year from the reports for school administrators, teachers and lay community groups. A bulletin containing the tabulations which were made is in process. This bulletin will be similar to the Studies in Secondary Education, published in 1956.

Evaluations

This office has continued its interest, leadership, and service in the program of evaluation of the New England Association of Colleges and Secondary Schools, with the underlying philosophy that this very important program of evaluation has great potential toward real improvement of secondary education in Massachusetts. In addition, the materials and techniques of the evaluation program are being used in whole or in part by this office for Department of education surveys requested by School Committees. This is in addition to the main survey materials generally used in Department of education surveys.

Important aspects of the evaluation program to the Massachusetts Department of Education as this program continued in 1957-58 were the following:

1. The State Department of Education has established liaison so that each evaluation sponsored by the New England Association of Colleges and Secondary Schools in

Massachusetts will have Department representation. Liaison is also being established so that a copy of the Visiting Committee report of each evaluation will be in the Department filed.

2. Because of the extent of the evaluation program in Massachusetts high schools, it was not possible for a representative of the Office of Secondary Education to participate in all high school evaluations conducted in 1957-1958, nor will it be possible for this office to cover such evaluations completely in subsequent years. Accordingly, personnel of other offices and other Divisions within the Department have most effectively represented the State Department of Education on several of the evaluations. Representation included personnel from the Office of Guidance, the Office of American Citizenship, the Division of State Teachers Colleges, the Division of Certification and Placement, and the Division of Vocational Education. The State Department of Education was actively represented on the Visiting Committees of the following Massachusetts high schools during 1957-1958:

| | | | |
|-------------|-----------|------------|-----------|
| Agawam | Brockton | Hamilton | Montague |
| Ashby | Falmouth | Haverhill | Natick |
| Ayer | Fitchburg | Hingham | Needham |
| Bridgewater | Hadley | Manchester | Wellesley |

3. The Office of Secondary Education organized and ran four full-day workshops with various Principals' Discussion Groups throughout the State, emphasizing in these workshops the organization and procedures of the evaluation program.
4. At the request of Superintendents of Schools and High School Principals, the office made its services available in speaking to teachers at meetings in individual high schools, and in planning with the administration and the faculty in these individual schools for evaluation.
5. The use of the materials and techniques of the Evaluative Criteria, in whole or in part, has been encouraged at the secondary level.

Massachusetts Secondary School Principals' Association
and Coordination with the State Department of Education

The Massachusetts Secondary School Principals' Association took a great step forward during this 1957-58 school year in establishing a Standing Committee on Education, with one member of each of the Discussion Groups of the State serving on the Committee, as well as the First Vice-President of the State Association as Chairman, and the Coordinator representing the Office of Secondary Education as an ex-officio member. It is the thought that this committee will absorb the work of Committee on Trends in Education, which, for the past several

years, has published excellent annual reports on Trends in Secondary Education in Massachusetts. This new committee will serve to promote secondary education in Massachusetts and its improvement by studying its problems, serving as a sounding board for educational policies and accomplishments in the field of secondary education in Massachusetts, and serving with even greater effectiveness to maintain the excellent liaison between the Division of Elementary and Secondary Education of this Department and the Discussion Groups of High School Principals of the State.

Changes in Administrative Positions Administrative Workshop

First begun in 1956-1957 as a service to the School Departments of the State, the Office of Secondary Education, with the cooperation of other Divisions of the Department, this year conducted the second conference of administrators new to the State or new to their positions.

Participants included Superintendents of Schools and Principals of Junior and Senior High Schools. Concerning the need for such an annual conference, it is interesting to note that during the school year 1956-1957, there were 248 High School Principals in the public schools of the Commonwealth. Of this number 15 assumed positions in a city or town in the Commonwealth other than the one in which they were last year, and 21 were new to the job of high school principal, many of them from out-of-State. The former was the situation in the case of two of the 198 public Junior High School Principals in the Commonwealth; and 26 new public Junior High School Principals were not only new to their positions as principals, but also were serving in communities other than those in which they had previously worked. In the light of such change, it would seem to be desirable to continue these Administrative Workshops from year to year, and to keep up to date on changes in administrative positions.

Massachusetts Advisory Committee on Science and Mathematics

The work of this committee continued in 1957-58 as it acted in an advisory capacity to coordinate the efforts of the many professional and lay groups, as well as individuals, interested in improving programs of science and mathematics in the elementary and secondary schools of the Commonwealth.

This committee supported fully the Department request for a Science Coordinator as recommended by the Commissioner to the State Board of Education and the Governor. The committee transmitted an official recommendation to the Commissioner and the State Board of Education concerning the qualifications, duties, and responsibilities of this position.

At both the fall and spring meetings, sub-committees reported on special projects and assignments, brief studies, and progress being made toward the objectives of the committee. It was recognized that the effectiveness of the Massachusetts Advisory Committee on Science and Mathematics is extremely limited by the lack of financial resources available to it. The committee has studied possible sources of assistance, and every effort will be made toward providing the necessary funds.

Radiological Detection Instrument Kits Allocated

During the year 1957-1958 the Federal Civil Defense Administration granted to Massachusetts a quota of 159 kits of radiological detection instruments, having a total value of over \$30,000, to be distributed to Massachusetts public, private, and parochial high schools. The purposes of this federal program were to assist high schools in incorporating radiological defense education into their science curricula, and to provide a geographical distribution of instruments to enhance a radiological monitoring capability in the event of need.

The Division of Elementary and Secondary Education, in allocating these instruments in cooperation with the Massachusetts Civil Defense Agency, took into account geographical distribution by Civil Defense Districts, the science program offered by the schools, and the representation of public, private, and parochial schools.

In the allocation, 100 kits were assigned to individual public high schools, and 32 to public high schools as depositories, these latter to be shared with 37 other public high schools, with allocation for the most part to two schools. Eighteen kits were assigned to parochial high schools, and 9 kits to private secondary schools. Title to the instruments remains with the Civil Defense Administration. It is understood that there may be a further allocation of such instruments to Massachusetts secondary schools under the same conditions.

It is anticipated that training courses will be made available in local areas, or through the Federal and State Civil Defense Administrations, so that high school science teachers not now qualified will become proficient in the use of all instruments in the kit.

Framingham Conference

The Thirty-fifth Annual Conference of Principals of Junior and Senior High Schools, and the Thirty-third Annual Meeting of the Massachusetts Association of Deans was conducted at the State Teachers College at Framingham on April 21 and 22, 1958. The Conference theme was: "Gearing Education to New Challenges."

The material of the Conference was directed toward new challenges in education, particularly in the fields of mathematics and science. Because of events of a scientific nature occurring during the year, and the emphasis on curriculum in our secondary schools, the Conference gave a different slant to some of the same problems taken up in the 1957 Framingham Conference on science and mathematics. Included in the Conference was a progress report from the Physical Science Committee of the Massachusetts Institute of Technology, another report from the College Entrance Examination Board's Commission on Mathematics, and a report on new developments in the science curriculum.

The Conference program was not restricted to a consideration of science and mathematics. Reports were given from the field on the "Honors Program" carried on in Massachusetts secondary schools in all subject matter fields, and a panel discussed "New Directions in Education," challenging participants with current thinking on college choosing, guidance toward maturity, preparation, and career goals.

Certification of Superintendents of Schools in Superintendency Unions

The Department of Education is required by Section 66 of Chapter 71 of the General Laws to determine by examination or otherwise the qualifications for the position of Superintendent of Schools in a Superintendency Union. In accordance with the provisions of the law, the Department has issued certificates of eligibility for such service.

At the meeting of the State Board of Education, held on October 25, 1955, it was voted, on recommendation of the Commissioner, that the policy of renewing certificates for superintendents of schools in superintendency unions for a three-year period be discontinued and that from that date certificates be renewed or issued without an expiration date.

From July 1, 1957, to June 30, 1958, in accordance with the above vote of the Board of Education, thirty-one certificates without expiration dates were issued to the following:

Stephen A. Boilevert
George W. Bountress
Jerome Q. Bullis
Gregory C. Coffin
Albert C. Cook
John J. Corcoran
William J. Costa
Edward J. Dahill, Jr.
Willard A. Downie
Francis C. Driscoll, Jr.
Joseph L. Driscoll
John H. English
Daniel A. Frumerin
Chris Grammaticas
Philip P. Grover
Charles B. Johnson

Joseph E. Joyce, Jr.
Roland H. Leach
Arthur P. Malchman
Walter H. McCloskey
Edward S. Morrow
Edgar E. Noel
David J. Norrell
Joseph H. Oskey
Edward W. Popyne
Raymond A. Plotczyk
William L. Roche
Edward R. Silva
Raymond Travis
Harold W. West
Frederick S. Whelton

The classes and number of certificates issued by the Department since the law went into effect are as follows: Permanent certificates, 3; preliminary certificates, 133; term certificates, 511, of which 193 have been renewed without expiration date; and certificates issued without expiration date, 68, and 2, renewal for which is pending.

It should be noted that Section 66 of Chapter 71 of the General Laws has been repealed by the 1958 session of the Legislature, and on the effective date of the legislation (Chapter 241 of the Acts of 1958 - July 7, 1958), certification of Superintendents of Schools in Superintendency Unions will no longer be the responsibility of the Committee on Certification of Superintendents of Schools in Superintendency Unions of the Department.

As of July 1, 1958, there will be 261 Union Superintendents certificates in full force and effect, all renewed or issued as life-time certificates, in accord with the above vote of the State Board of Education.

ELEMENTARY EDUCATION

The Office of Elementary Education gave particular emphasis during the past year to the development of its program of institutes, workshops, and conferences conducted in the local schools.

Pre-School Conferences were conducted for the teachers of the town of Middleton on September 3, 4, 5, and 6, 1957 at the Howe Manning School. Both elementary supervisors participated in this pre-school conference. The theme was "Setting Our Sights for Improving the Creative Experiences of Children".

The Supervisor in Elementary Education cooperated with the Office of Audio-Visual Aids by participating in the Audio-Visual Institute for the teachers of the public schools of Martha's Vineyard, held at the Edgartown Elementary School on September 4, 1957.

One day conferences aimed at the Improvement of Curriculum were conducted for the teachers of the following cities and towns in the areas indicated:

- 9/27/57 Curriculum Conference for Teachers from the Towns of Boylston, Lancaster and West Boylston, at Boylston
"Improving Language Arts Experiences for Children"
- 10/15/57 Curriculum Conference for Teachers from the Towns of Adams, Cheshire, Dalton, Hancock, Lanesborough, New Ashford, Peru, Washington and Windsor, at Dalton
"Improvement of Instruction in Arithmetic"
- 10/16/57 Curriculum Conference for Teachers from the Towns of Ashfield, Chester, Cummington, Coshen, Plainfield, Southampton, Westhampton, Williamsburg, and Northampton, at Williamsburg
"Focus on Arithmetic"
- 10/23/57 Language Arts Conference in Orange.
- 10/25/57 Curriculum Conference for Elementary Teachers in Erving School Union - Leverett, Erving, New Salem, Shutesbury and Wendell
"Basis for Curriculum Improvement"

- 10/30/57 Curriculum Conference for Teachers from the Towns of Buckland, Charlemont, Clarksburg, Colrain, Florida, Hawley, Heath, Monroe, Montague, Rowe, Savoy and Shelburne, at Charlemont
"Improvement of Teaching in the Social Studies"
- 11/6/57 Curriculum Conference for Teachers from the Towns of Brewster, Chatham, Dennis, Eastham, Harwich, Orleans, Provincetown, Truro, Wellfleet, and Yarmouth, at Harwich
"A Functional Reading Program"
- 5/13/58 Curriculum Conference for Teachers from the Towns of Great Barrington, Lee, Lenox, Otis, Richmond, Stockbridge, Tyringham, West Stockbridge and Southern Berkshire Regional School District, at Stockbridge
"Improving Classroom Science Teaching"

Three day workshops were conducted for the teachers of Essex in Reading on January 14, 1958, March 10, 1958 and April 7, 1958 and in Arithmetic on April 17, 1958, May 15, 1958 and June 5, 1958 at the Rufus Choate Elementary School in Essex.

An In-Service Education Program was conducted relative to Modern Reading for all teachers in Union 29 - Lee, Otis, and Tyringham on January 28, 1958. In-service programs were also conducted relative to Curriculum in Erving on March 5, 1958, Wendell on April 8, 1958, and New Salem on May 8, 1958; for teachers of Rowley and Georgetown on October 10, 1957. Classroom Science Demonstration Lessons and a Teachers Conference were held in Randolph on October 22 and October 29, 1957. A conference on Social Studies was held in Leominster on May 21, 1958 and a Science workshop was conducted in Falmouth on March 12, 1958.

ELEMENTARY SCIENCE PROGRAM

The Seventh Annual Elementary Science Education Conference was conducted at the Museum of Science on March 3, 1958. This all day conference, designed to help school departments further their elementary science programs, was focused on the theme Setting Our Sights in Elementary Science. Teachers were present from the cities and towns of Acton, Ayer, Billerica, Brockton, Cambridge, Concord, Fitchburg, Groton, Lancaster, Lexington, Lincoln, Littleton, Randolph, Somerville, Waltham, and Wellesley.

CONFERENCE OF ELEMENTARY PRINCIPALS AND GENERAL SUPERVISORS

The Twenty-Eighth Annual Conference of Principals of Elementary Schools and General Supervisors of Public Education was held this year at the University of Massachusetts in Amherst on March 31, April 1 and April 2, 1958. The theme of this Conference was "The Changing Curriculum in the Elementary School." The featured speakers were Dr. W. Linwood Chase, Professor of Education at Boston University and Dr. L. Vander Werf, Dean, College of Education, Northeastern University.

Discussion groups considered Administrative and Supervisory Practices. Group meetings considered Broadening the Scope of the Science Program, Rethinking the Arithmetic Program, The Challenge of Intellectually Superior Children, Instructional Television in the Classroom, and Developing Global Concepts in Social Science.

SUPERVISORY VISITS

During the year 1957-1958, the Supervisors of Elementary Education visited schools in ninety-one cities and towns in the Commonwealth and acted as consultants to such groups as the Massachusetts Elementary School Principals and General Supervisors of Public Education. They also addressed over ten lay groups in interpreting the schools to the people. The Elementary Supervisors attended elementary principals group meetings and spoke to groups from the areas around Foxboro and Fairhaven.

FOREIGN TEACHER EXCHANGE PROGRAM

Cooperating in the Foreign Teacher Exchange Program sponsored by the U. S. Department of Health, Education, and Welfare and the Department of State, eight (8) foreign teachers were placed in as many different communities for six (6) weeks as follows:

| <u>Name of Visitor</u> | <u>Country</u> | <u>Massachusetts Community</u> |
|--------------------------|----------------|--------------------------------|
| Miss Alicia ARCE Anaya | Mexico | Gloucester |
| Miss Bartha N. ZAVALTA | Bolivia | Holyoke |
| Mr. Alfred H. VONASTE | Germany | Falmouth |
| Mr. Jorge Enrique ROMERO | Venezuela | Stockbridge |
| Miss Manoroth PHENHAY | Laos | Swampscott |
| Miss Helen F. MORCONE | Australia | Melrose |
| Mr. Lik Keong CHU | Singapore | Uxbridge |
| Mr. James H. SMITH | Liberia | Springfield |

The Office of Elementary Education provided an Orientation Program for these visiting teachers in Massachusetts which included the following:

Getting Acquainted - Miss Byrne and Miss Shea
 Functions of the Massachusetts Department of Education -
 Dr. Sullivan
 Conference with Dr. Kiernan - Public Education in
 Massachusetts
 Functions and Responsibilities of the Division of
 Elementary and Secondary Education, Round Table -
 Supervisors in the Division
 Guided Tour of the State House - Welcome by the Governor
 Boston Public Library - Guided Visits to the Teachers'
 Room, Children's Room and Special Exhibits
 Visits to State Teachers Colleges at Boston and Framingham
 Boston Museum of Fine Arts - Guided Visit to the Division
 of Education
 Visit to Science Park - Scientific Demonstration by the
 Education Department
 Functions and Responsibilities of the Divisions in the
 Department of Education - Presentations by Eight
 Directors
 Departure for Massachusetts Communities to which Students
 are assigned.

At a meeting in the Department following their extended visits in the local schools, these foreign visitors made very interesting reports of their experiences and observations.

EDUCATIONAL SURVEYS

One of the Elementary Supervisors participated with other members of the Department of Education, Division of Elementary and Secondary Education, in making surveys at the prison schools in Walpole and Framingham.

A survey of the elementary school program in Rochester was made with both Elementary Supervisors participating. Assistance was given in a less formal way to Wilmington. One of the Elementary Supervisors also participated in a survey of the Tewksbury schools.

INTENSIVE TEACHER PREPARATION PROGRAM

The adequate preparation of teachers during this period of large enrollments and teacher shortage continues to be of prime concern to all school people. To help meet the needs, five Intensive Teacher Preparation Programs were conducted again by

the Division of State Teachers Colleges during the Summer of 1957. The Office of Elementary Education assisted in planning the program for these five centers which trained many teachers for Massachusetts classrooms. One of the Elementary Supervisors was coordinator of the Hyannis program and all five were supervised by the Senior Supervisor of Elementary Education who acted both as a guest lecturer and as a consultant at each of the centers.

COURSES IN SCHOOL HEALTH

Health Course at Gardner in cooperation with the Division of University Extension.

Course in Curriculum at Provincetown in cooperation with the Division of University Extension.

PARTICIPATION IN MEETINGS AND COMMITTEES

The Supervisors of Elementary Education participated as active community members on the Teacher Education and Professional Standards Committee and the Child Welfare Committee of the Massachusetts Teachers Association. They also participated in meetings, including those of the Massachusetts School Health Council, International Reading Association in Boston, the New England Reading Association at Wentworth-by-the-Sea, the New England Association for Student Teaching in Bridgewater, the New England Association of Elementary School Principals in Boston, the American Association of Teachers of French, Boston Archdiocesan Institute, Worcester Diocesan Institute, Worcester County Teachers Convention, meetings sponsored by Boston University for principals and supervisors, the Education Conference sponsored by the Massachusetts Council for Public Schools, the Massachusetts Federation of Women's Clubs, Lesley College meeting relative to arithmetic, the North Shore Heart Association meeting, the meeting opening the new office of the Cambridge Services for Retarded Children, the Matick Science Workshop, the Bedford and Danvers Elementary School Science Programs for Parents. They also attended the Secondary Education Conference, the Superintendents' Conference, the Physical Education Conference, the Greater Boston United Community Service Conference, the Massachusetts School Committees' Association Conference in Lenox, and acted as guest lecturers in courses in the State Teachers Colleges and other schools of Education.

Seminars on the gifted child were planned in cooperation with New England School Development Education Council. Work was done on second language teaching in cooperation with the State Teachers College at Worcester and the Massachusetts Council on Public Schools. One of the Elementary Supervisors attended meetings relative to educational television. Both of the Elementary Supervisors attended Boston College Seminars relative to Metropolitan Planning. One of the Elementary Supervisors was named Liaison Representative for the Massachusetts Aeronautics Commission and spoke at meetings relative to elementary education.

GUIDANCE AND PLACEMENT

Guidance Development

Guidance programs have continued to develop in quantity as well as quality. Only a few high schools have as yet either no programs or inadequately developed programs. Too few junior high schools and schools with equivalent grades have developed adequate guidance services.

Likewise in the elementary grades there has been slow development of guidance services. The latter condition might very likely have resulted from the development of a parallel service commonly called "adjustment counseling," which deals solely with children who have obvious complex personal, social, educational, health, and other problems. However, such services in elementary grades do not assure guidance services to all pupils.

For the third consecutive year, Vocational Guidance Day was proclaimed by the Governor of the Commonwealth.

Obstacles to Guidance Development

Obstacles to a regularity of guidance services development are several, as follow: (1) a lack of basically well-trained guidance personnel; (2) an inadequate number of Massachusetts college and university guidance training programs and courses for the preparation of counselors; and (3) too small a State Department supervisory staff to meet present needs to say nothing of further certain expansion.

Activities Related to Guidance

For several years, a number of collateral services related to guidance have come to be developed in schools. Together with guidance services, these other services are commonly called "Pupil Personnel Services." These services should be expanded and extended. However, they should neither be confused with guidance services nor in any way be considered an equivalent or substitute for them. In the interest of orderly development of related services, they should be given supervisory assistance and realistic direction.

Professional Activities

Activities affecting the promotion and development of guidance services have taken a variety of forms. Some of these were:

1. Conferences with business and industrial representatives.
2. Conferences with staff members in colleges and universities.
3. Conferences with school committees, superintendents, principals, and guidance personnel.
4. Membership in the School Health Council and participation in its Institutes.
5. Assistance to foreign educational representatives.
6. Membership in the State Nursing Careers Committee.
7. Organization of an Employment Service Institute in cooperation with the Massachusetts Employment Service.
8. Executive Committee membership in the New England Regional Conference of the American Guidance and Personnel Association.
9. Membership in the State Public Health Careers Committee.
10. Attendance and participation in various school administrative conference meetings.
11. Cooperation with State and Federal Agencies and branches of the Armed Services.
12. Participation in meetings of the New England Counselor Trainers Association.
13. Participation in Career Day programs of colleges and secondary schools.
14. Speaking at parent-teacher associations and other group meetings.
15. Participation in high school evaluation programs under sponsorship of the New England Association of Colleges and Secondary Schools.

16. Participation in the summer session program of the Bridgewater State Teachers College (Hyannis).
17. Participation in the Governor's Conference for "Proclamation of Vocational Guidance Day."

Supervisory Problems

Guidance programs are increasing in number. Programs already in operation are being expanded, extended, and improved. Sixteen years ago when our Great and General Court voted authorization of school guidance programs, there were six guidance counselors operating on assigned time for guidance services in Massachusetts public schools. Today, our counselors number approximately 850. Supervisory service, for these and others to be appointed to additional and extended guidance programs, is becoming ever more impossible of adequate fulfillment by a limited staff. From actual practice, it is apparent that a state supervisor can serve adequately only approximately 60 to 65 schools per school year. Even a lesser number of schools is probable in view of the fact that guidance is a new and ever increasing as well as expanding set of services. In recognition of the fact that there are 640 or more schools with secondary grades and some 1800-2000 elementary schools to be served, it is plainly obvious that upwards of ten supervisors would be needed to give continuing help to schools in solving their many guidance-program problems.

MUSIC EDUCATION

Curricular Reappraisal and Challenge

Several legislative bills to encourage more extensive education in science and mathematics were filed at the opening of the second session of The 85th Congress. This sharp concern throughout the Nation for these two subjects seemed to present a challenge for every subject in the curriculum, and particularly for those in the so-called special areas of instruction.

In Washington, D. C., from January 15 to January 18, 1958, a timely conference for art and music directors in State Departments of Education, to analyze this challenge to the arts, was sponsored by the Elementary Schools section of the U. S.

Office of Education, under the chairmanship of Ralph G. Beelke, Specialist for Education in The Arts. Representatives were present from Delaware, Florida, Illinois, Indiana, Iowa, Kentucky, Massachusetts, Mississippi, New Hampshire, New Jersey, New York, North Carolina, Pennsylvania, Rhode Island, South Carolina, Texas, Virginia, and West Virginia.

Among the significant conclusions of the conference were the following:

Educational experiences in the arts can intensify the attributes needed by a scientist, sensitivity, imagination, creativity, and sustained concentration.

Art education respects and provides for individual differences.

Good teaching is the best solution to all problems.

Use music as therapy; use music as resource material.

Clarify the contributions that only art and music can make to education.

Administrators should include art and music education as a component part of the instructional program.

All areas of art and music experiences should be evaluated.

Encourage classroom teachers to assume more responsibility in the developmental music program.

Evaluate supervisory and teaching practices.

Substantiate evaluations by research.

Emphasize spiritual values of music as well as emotional and aesthetic.

Education must prepare pupils to develop spiritually and emotionally as well as scientifically and technically.

The following resolution was adopted:

Whereas, education is primarily a State responsibility and whereas, music and art are integral parts of the educational program and, whereas, professional leadership at the State level is essential, therefore, be it resolved that the Conference of Directors of Art and Music in State Departments of Education recommend the appointment of a Director of Art education and a Director of Music Education in each State Department of Education.

Visits to School Systems

Seventy-one visits were made, ten of which were repeats. County distribution was: Barnstable 4, Berkshire 12, Bristol 6, Essex 4, Franklin 1, Hampden 3, Hampshire 4, Middlesex 4, Norfolk 6, Plymouth 14, Worcester 3.

During the visitation periods, efforts were made to influence the classroom teacher to realize her intrinsic value in the continuity of a developmental music program; attention was focused upon the extent and quality of product; the necessity for recognition of individual levels of ability and of varying degrees of interest among pupils was noted; and the importance of sympathetic, cooperative, and congenial relationships among pupils, teachers, supervisors, and general school administrators was cited.

With the music specialists, reference was frequently made to the necessity of professional alertness, not only to the trends and objectives of music education, but also of education in general; the need for a more balanced relationship between performance groups and the entire student body was discussed wherever applicable; increased realization of the value of the general music program was engendered, as well as increased recognition of the importance of the quality of materials being used. Other emphases were, increased attention to the importance of music education for exceptional children, including the physically handicapped, the mentally retarded, as well as the gifted child; increased recognition of the importance of music education in international relations and intercultural education; and the need for realization of a continuity in the objectives, content, and results of the music education program from Grades I through XII inclusive.

There are many excellent music-education programs being realized throughout The Commonwealth. Instances of improper balance seem to be the result of improper balance in the interest and preparation of the supervisor in charge, that is, an instrumentalist stressing band organizations at the expense of general music and vocal experiences. This problem can be solved, as many administrators have done, by the appointment of a choral person and an instrumentalist.

Unsatisfactory results in the junior high school teaching area seem to be closely related to lack of piano playing ability of instructors.

An unusual number of supervisors seem to be dissatisfied with their working conditions for several reasons, among which are, (1) overcrowded schedules due to pupil increase and additional buildings, (2) the unwillingness of administrators to grant an appreciable differential between the salary of the classroom teacher and the salary of the special supervisor, (3) unreasonable demand for performance assignments with lack of time for preparation of new material, (4) curtailment of instructional time due to increased allotment to other subjects, (5) inability to obtain newer material and material in sufficient quantity for groups.

Directory of Vocal and Instrumental Music Personnel

A state-wide Directory of Personnel for 1957-1958 was distributed as of January 1st, 1958. Many re-entrants were included. Several cities and towns increased their personnel.

Advisory Services

Consultative

Ninety-two interviews by appointment and otherwise were given concerning curricular, personnel, organizational, in-service, and other related administrative and supervisory problems. Among the more important ones were (1) the drawing up of reasons for the need of proper music facilities in a new high school after the building committee had deleted the architect's specifications for a music suite, (2) outlining a developmental music program for the public school system of a small town in Italy, (3) cooperating with a doctoral candidate on a job analysis of state music supervision, (4) cooperating with the Springfield Symphony Orchestra in planning itinerary for pupil and adult concerts, 1957-1958, (5) analyzing all junior high school music curricular material and planning teaching programs for 1957-1958 for a newly appointed, inexperienced instructor, (6) planning a schedule and teaching program for an inexperienced newly appointed instructor in a new high school which opened in September, 1958, in a town

which had never had a high school, (7) cooperating in a study of differential in salaries between teaching personnel and music supervisors (25 towns) with a salary committee chairman of Norfolk County, (8) analyzing and recommending the ways by which a school of music (Cape Cod Music School) could help serve school and community needs, and (9) numerous instances of guidance in the personal and professional problems of music personnel.

Organizational. Surveys. Professional Activities.

Analyses and appraisal of music education schedules and curricula were accomplished to some degree in almost every system visited. Detailed time-study analyses were made for Rochester, Hull, Somerville (instrumental only, Grades 5-12), Somerset and Easton. A complete evaluation was made of the City of Brockton.

A two-day pre-school conference for teachers and principals of the City of Holyoke, on A Continuing Program of Music Education was held on September 4 and 5, 1957.

A Central Massachusetts Regional Conference was held in Hopedale with the cooperation of Superintendent Donald S. Dow and Supervisor Allegrine Guez Reid on November 21st, 1957. The theme of the meeting was: What Constitutes A Well-Balanced Music Education Program in Grades 1-12? There were 150 representatives from a total of sixty-four school systems. The meeting was a professional and social success, due in large measure to the gracious hospitality of the Hopedale School System.

The Supervisor of Music participated actively in The Intensive Teacher Preparation Program, Hyannis, July 15, 16, 1957, in the Workshop Clinic for State Directors of Art and Music, Washington, D. C., January 15-18, 1958, in the State Music Conference, Springfield, March 27, 28, 29, 1958 and in the Brockton High School evaluation March 18, 19, 20, 1958.

"Is Music Your Career" was the theme of an address given to the class of 1959, Bradford-Durfee High School, Fall River on March 12, 1958, at The Annual Career Day.

"Objectives, Content, and Attainable Results of a Well-Planned Junior High School Music Education Program" was the subject of a talk given at a dinner meeting of the Southeastern Massachusetts Junior High School Principals' Association, Bridgewater, January 13, 1958.

Services were given as Secretary of The Graduate Alumni Advisory Board of Boston University School of Fine and Applied Arts. Completion of three consecutive two-year terms as Secretary of The National Council of State Supervisors of Music Education was effective as of June, 1958, upon the election of Haulah I. Zander, Illinois.

PHYSICAL EDUCATION

Annual State Conference

The Junior and Senior High Schools at Fitchburg were the sites of the Annual State Physical Education Conference on March 28, 1958. This was the first major conference conducted in these buildings, and the facilities were excellent and lent themselves admirably for the purposes of the conference. The largest number ever to attend the Physical Education Conference, 2200 persons, participated in and observed demonstrations of physical education and health for the elementary, junior and senior high schools, as well as demonstrations on synchronized swimming, competitive and survival swimming, teaching and coaching techniques in diving, and a demonstration on canoe safety held at the Fitchburg Y. M. C. A.

Guest speaker, Dr. Charles C. Wilson, Professor of Education and Public Health, Yale University, New Haven, Connecticut, chose as his subject, "Forward To Fitness" while guest speaker, Bonnie Prudden, Director of the Physical Fitness Institute, White Plains, New York, spoke on "An Approach to Physical Fitness at the Elementary and Secondary Levels." Commissioner of Education, Dr. Owen B. Kiernan, stressed the importance of physical education and health in the education of our youth.

Supervisory Visits

The Supervisor of Physical Education made visits during the past year to five State Teachers Colleges, nine private colleges, twelve elementary schools, fifteen three-year high schools, fifty-one four-year high schools, four five-year high schools, and forty-three six-year high schools. The general purpose of these visits was, as in the past, to assist school authorities in the evaluation of the physical education program and to advise them relative to the adequacy of indoor and outdoor facilities. Since many new gymnasias are now being constructed, much time was devoted to advising school authorities, particularly superintendents and principals, concerning desirable and necessary equipment for a good physical education program. It should be noted that the Supervisor compiled a list of the approximate costs of such equipment which is now available to interested school authorities. It is encouraging to report that the number of schools not having facilities available for physical education is becoming smaller each year. The Supervisor noted that all new junior and senior high schools visited have gymnasias, while all new elementary schools visited have gymnasias, play grounds, and all-purpose rooms for physical education pursuits.

Regarding the various types of testing, an increased interest was noted by the Supervisor this year. The Department has tried to stimulate interest in a testing program, although it does not sponsor or endorse any particular type of test. The Supervisor has been appointed to the National A. A. U. Chairmanship of Physical Fitness and copies of the A. A. U. test have been distributed to the physical education and school administrators throughout the Commonwealth.

The shortage of women physical education teachers continues. Many of our women physical education specialists are going into physical therapy.

In numerous speaking engagements, the Supervisor tried to emphasize the importance of physical fitness and physical education in the development of youth, a theme which was emphasized by Dr. Charles C. Wilson and Miss Bonnie Prudden in their addresses to the supervisors at their annual conference. Last September the Supervisor was invited to attend the Youth Fitness Conference at West Point. It is significant to note that the matter of youth fitness was considered of such importance by President Eisenhower that he established the Council on Youth Fitness in 1956, and designated the Vice President of the United States, Richard M. Nixon, as its chairman and Dr. Shane MacCarthy, the Executive Director for the Youth Fitness Council.

Surveys and Cooperative Studies

During the past year the Supervisor participated in surveys of the schools in the Massachusetts Correctional Institutions at Walpole and Framingham, and in surveys of physical education in the public schools of Needham, Norwood, and Ware. He also assisted or cooperated with the following agencies outside the Department in matters concerning health, physical education, recreation, and safety:

Allied Activities of the Supervisor of Physical Education

Executive Committee member, The American Amateur Athletic Union

National Vice-Chairman, Track and Field for the A. A. U.

National Chairman, Physical Fitness for the National Athletic Association

Chairman, New England Development Committee, New England A. A. U.

Chairman, Track and Field Committee, New England A. A. U.

Member, The American Committee for Future Olympic Champions

Member, The United States Olympic and Pan American Olympic Track and Field Committees for the 1960 Olympic Games

Member, Executive Committee of the Junior Olympics

Co-Chairman, The Massachusetts Outdoor Education Committee

Member, Sports Committee, The Greater Boston Chamber of Commerce

Member, The Massachusetts School Health Council

Executive Committee Member, The Massachusetts, Eastern District, and National Associations for Health, Physical Education, Recreation, and Safety

Member, The Society of State Directors of Health, Physical Education, Recreation, Safety, and Athletics

Co-Chairman, Physical Fitness and Gymnastic Conference to be held at Harvard University in September, 1958

Out-of-State Conferences

The Supervisor participated in out-of-state conferences as follows:

Eastern District Association Fall Conference,
Goucher College, Maryland

President Eisenhower's Conference on Physical
Fitness, West Point

Physical Fitness A. A. U. and Olympic Meeting
Convention, Washington, D. C.

Eastern District Association Conference of
Physical Education, Philadelphia

National A. A. U. Olympic Meetings, Track and
Field Championships and Physical Fitness
Meetings, Bakersfield, California

Officiating

The Supervisor officiated at the National Amateur Athletic Union Championships in Bakersfield, California; at collegiate track and field, and swimming championships; and at the Massachusetts Catholic Youth Organization sports and recreational events.

Foreign Visitors

Exchange students from Japan and Ecuador were escorted to various schools throughout the Commonwealth, to track meets, and schoolboy stadiums.

DEPARTMENT OF EDUCATION
AUG 1 1958
RESEARCH AND STATISTICS

DIVISION OF SPECIAL EDUCATION

1957-1958

Education of Mentally Retarded Children

In accordance with the provisions of regulations pursuant to Chapter 71, Sect. 46 of the General Laws, additional classes for the training and instruction of both trainable mentally retarded children and educable mentally retarded children have been organized during the year, while others are in the process of organization. The annual census of mentally retarded children, mandatory under the provisions of the aforementioned legislation, is being conducted by the cities and towns of the Commonwealth. Continued progress is manifest in this particular area.

The identification of mentally retarded children is being carried out by school psychologists under Regulation No. 4 of the regulations pursuant to Chapter 71, Section 46, of the General Laws. More than 200 local school psychologists have been approved by both the Department of Education and the Department of Mental Health, under the provisions of Regulation No. 22 of the revised regulations pursuant to the statute previously referred to. Many prospective school psychologists are taking courses to meet the high standards established by both departments.

THE CURRICULUM GUIDE FOR SPECIAL CLASS TEACHERS has been published and distributed, and is being hailed as an outstanding publication in this specialized field. It is, indeed, in such great demand by people working with retarded children, not only in Massachusetts, but throughout the country as well, that a second printing has been requested.

Additional forms for the most effective placement of mentally retarded children, for reimbursement, for conducting special classes, for transportation to and from such classes, and for the inspection of these classes, have been adopted by the Board of Education and are now in use.

The proper training of Special Class teachers is continuing in a satisfactory manner. The special program at Fitchburg State Teachers College is growing annually, while special courses for teachers who are desirous of entering the special class program are being offered in our state teachers colleges and in various parts of the Commonwealth under the Division of University Extension. Refresher courses for special class teachers are offered in like manner. Many communities are availing themselves of the provision of Chapter 71, Section 46E of the General Laws, and are paying their special class teachers additional salaries above those paid to teachers of regular classes. This policy should be adopted by every community maintaining special classes.

-2-

Since the organization of the Division of Special Education, progress has been made in providing personnel to carry out the mandate of the Legislature. From a single supervisor in 1936, there are now a Director, a Senior Supervisor, and four Supervisors, directing and supervising the education of all children enrolled in classes for educable mentally retarded children and trainable mentally retarded children, aiding local communities in conducting the annual census, assisting in the organization and administration of special classes, planning and conducting conferences for school committeemen, superintendents of schools, guidance officers, principals and teachers, school adjustment counsellors, school nurses, and others, and arranging conferences for the parents of these children -- coordinating, in short, all the available facilities, to the end that our mentally retarded children will be the recipients of a maximum amount of education and training.

The humane legislation which has made possible the continuance and strengthening of all this worthwhile activity on behalf of mentally retarded children reflects great credit upon each and every member of the Massachusetts Legislature. The legislation they have fostered is a pioneering model being copied by other states, as evidenced by the number of requests coming to the Division of Special Education for copies of our laws and regulations governing the training and education of mentally retarded children. Chapter 556 of the Acts of 1958, establishing recreation programs for mentally and physically handicapped persons, marks another milestone in the General Court's march of progress toward the nation's most complete program for handicapped children.

On May 23, 1958, at the Sheraton-Plaza Hotel, Boston, the Division of Special Education conducted its Fourth Annual Statewide Conference for special class teachers, principals, supervisors, school psychologists, school nurses, and members of school committees. Approximately 1400 people were in attendance, and nearly 400 reservations were made for the luncheon. Highlighting the morning session was the address of His Excellency, Governor Foster Furcolo. Other well-received addresses were made by Commander Frederick S. Whelton, U.S.N., Training Adviser, First Naval District, who spoke on the subject, "Preparing Our Slow-Learning Children for Duty in the Armed Forces", and by Harold V. Connolly, Olympic Champion and World Record Holder, who discussed "Athletic Recreation and Physical Education--Indispensable to the Proper Training of Handicapped Children". Featuring the luncheon program was an address by Mr. Edward J. Anderson, Superintendent of Schools, Wayland, whose topic was "Meeting the Challenge of the Science Age."

The Annual Conference of the Division of Special Education is held in the Spring. Every Fall, the Division conducts a regional conference as well. This year's regional conference was held at the State Teachers College, Fitchburg, on November 15, 1957. Mr. Joseph C. Lonergan, Supervisor of the Division's Worcester office, was the chairman of this conference, which was enthusiastically received by the 300 people present.

-3-

Chapter 514 of the Acts of 1954 was signed into law on May 28, 1954, and became operative on August 26 of that same year, established the Division of Special Education. The following statistics have been compiled to show the progress in the area of the mentally retarded.

| | <u>1954</u>
<u>1955</u> | <u>1955</u>
<u>1956</u> | <u>1956</u>
<u>1957</u> | <u>1957</u>
<u>1958</u> | Total
Increases
<u>1954--1958</u> |
|-------------------------------|----------------------------|----------------------------|----------------------------|----------------------------|---|
| Number of Special Classes | 515 | 590 | 635 | 675 | 160 |
| Enrollment in Special Classes | 6670 | 8393 | 8804 | 9716 | 3046 |

The amount of \$1,985,173.73 was reimbursed to communities providing instruction under the provisions of Chapter 71, Sections 46 and 46A, in November, 1957.

EDUCATION OF PHYSICALLY HANDICAPPED CHILDREN -- 1957-1958.

A Supervisor of Physically Handicapped Children was appointed March 1, 1958. In addition to the type of work carried on in the past, approval of home and hospital instruction, supervision of classes for physically handicapped children, and visits to institutions servicing these children; several meetings were held with members of The Department of Public Health to revise the then present regulations as to census and instruction, and the superintendent's and physician's reports, also.

The result of these meetings was the producing of a handbook, "Regulations Relative to Annual Census of Physically Handicapped Children", which was adopted by the Board of Education on June 24, 1958. These handbooks are very informative and have been received very well by the school departments, with many requests being made for additional copies.

A nation-wide questionnaire was sent out to gather information as to what other states are doing for their handicapped children. A summary of the results of this survey will be forth-coming in the near future.

EDUCATION OF BLIND CHILDREN

1957 -- 1958

In September, 1957, a program for blind children was established at the Dame School, George Street, Medford. Miss Barbara Lynn Fraleigh, for several years a teacher at the Maryland School for the Blind, was appointed as the special teacher to whom the blind children go for instruction in braille reading and writing and any other special help needed. The majority of the time, however, these children in grades one to five spend in the regular class rooms. This was the fourth program of this kind to be established in Massachusetts.

In September, 1957, the program for blind children in Braintree was moved to the new Liberty Street School. Because this school is located beside a junior high school, the children going into Grade VII may still have contact with the special teacher when help is needed.

The Supervisor of Blind and Partially Seeing Children attended an institute in February at the New York Guild for the Jewish Blind, which dealt with the problems of recreational and extra curricular activities for blind children, particularly for those attending schools for sighted children. This was extremely beneficial because this same problem has been considered at length here and steps are being taken to assist families, schools, and communities in this area.

A Rehabilitation Committee, including the Supervisor and Assistant Supervisor of Blind and Partially Seeing Children in the Division of Special Education and the rehabilitation and children's workers in the Division of the Blind, was formed and has met monthly. This is very helpful in coordinating the programs in order that school curricula may lead to plausible vocational goals.

The Supervisor of Blind and Partially Seeing Children was named to the United Community Services Committee on Problems of the Visually Handicapped. This committee will study the survey which was made by U.C.S. on services to the blind in Metropolitan Boston in an attempt to determine additional services, changes to be made in existing services, etc.

EDUCATION OF PARTIALLY-SEEING CHILDREN 1957-1958

During the school year, 1957-1958, new classes for partially seeing children were begun in Boston, Haverhill, and Methuen, making a total of thirty-eight such classes in the state. The thirteen cities in which these classes were conducted were Boston, Cambridge, Chelsea, Fall River, Haverhill, Lowell, Lynn, Medford, Methuen, New Bedford, Quincy, Watertown, and Worcester, enrolling a total of 361 pupils. In eight of these cities, cooperative (or integrated) programs were carried on to various extents, while in five the programs were chiefly of the segregated type.

Large-type books were loaned to 175 partially-seeing children enrolled in regular classrooms in 87 cities and towns. The Division of Special Education continued to add to its library of large-type books.

In August, 1958, the Assistant Supervisor of Blind and Partially-Seeing Children attended a two-weeks Advanced Workshop on the Education of Partially-Seeing Children, at Syracuse University. Trends, philosophy, and educational programs for partially seeing pupils were emphasized; lectures and discussions were beneficial to all who attended.

In September, 1958, a new class for partially-seeing children was opened in Waltham.

EDUCATION OF BLIND AND PARTIALLY-Seeing Children

| Schools for
the Blind | Number of
Pupils. | Expenditures |
|--------------------------|----------------------|--------------|
|--------------------------|----------------------|--------------|

| | | |
|--------------------|-----|--------------|
| Perkins School | 169 | \$398,687.50 |
| New York Institute | 1 | 2,008.00 |
| Transportation | | 28,088.18 |
| Total--Schools | 170 | \$428,783.68 |

| | | |
|---------------------|----|-------------|
| Day Classes - Blind | | |
| Boston | 6 | \$9,266.00 |
| Braintree | 6 | 6,270.12 |
| Malden | 5 | 5,651.00 |
| Medford | 6 | 5,665.28 |
| Transportation | | 7,581.00 |
| Total--Classes | 23 | \$34,433.40 |

| | | |
|--|----|-------------|
| Individual Instruction in
regular classrooms,
including instructors salaries,
transportation, braille books
and materials. | 23 | \$20,110.25 |
|--|----|-------------|

| | | |
|----------------------|-----|-------------|
| SIGHT-SAVING CLASSES | | |
| Thirty-eight classes | 361 | \$19,300.00 |

| | | |
|--|-----|------------|
| Large-type books
loaned to children in
regular class | 175 | \$2,321.02 |
|--|-----|------------|

| | | |
|--|-----|--------------|
| TOTALS - Blind and
Partially Seeing | 752 | \$504,948.35 |
|--|-----|--------------|

EDUCATION OF DEAF, HARD OF HEARING, AND SPEECH-HANDICAPPED CHILDREN.

In July of 1957, Chapter 69, Section 26 of the General Laws was amended by Chapter 582 of the Acts of 1957 to include aphasic children. The Boston School for the Deaf, which had sent two of its teachers to Central Institute for the Deaf in St. Louis, Missouri, for highly specialized courses on diagnosis and therapy for aphasic children, inaugurated a special program for such children on November 4, 1957. Four children attended at state expense for the first year and that number has increased to ten for the forthcoming year.

The Supervisor of the Deaf, Hard of Hearing, and Speech Handicapped, was made chairman of the United Community Services Committee on Problems of the Hearing Handicapped. This committee will present, in 1959, a three or four day Institute covering the seven basic problem areas - medical, audiological, psychiatric, social service, educational, vocational, and recreational.

Chapter 508 of the Acts of 1958 again amended Chapter 69, section 26, of the General Laws allowing the State to send deaf children to any school for the deaf within or without the Commonwealth.

As official representative of the Department, the Supervisor of the Deaf, Hard of Hearing and Speech Handicapped attended the American Speech and Hearing Association Convention in Cincinnati, Ohio, in November, 1957, and the Massachusetts Speech and Hearing Association in Randolph, Massachusetts in December, and in Taunton, Massachusetts in May.

| SCHOOLS | No. of Mass. Pupils Enrolled Sept. 1957 | | | No. of Mass. Pupils Admitted 1957-1958 | No. of Mass. Pupils Discharged 1957-1958 | No. of Pupils Enrolled at Closing Date June 1958 | No. of Teachers Employed | Expenditures for Tuition and Transportation |
|-------------|---|-------|-------|--|--|--|--------------------------|---|
| | Boys | Girls | Total | | | | | |
| American | 33 | 25 | 58 | 5 | 3 | 60 | 56 | \$97,751.09 |
| Beverly | 45 | 45 | 90 | 9 | 4 | 95 | 17 | 139,931.15 |
| Boston | 86 | 75 | 161 | 10 | 6 | 165 | 27 | 286,024.25 |
| Clarke | 59 | 58 | 117 | 1 | 1 | 117 | 38 | 216,786.07 |
| Horace Mann | 60 | 38 | 98 | 14 | 8 | 104 | 19 | 137,773.09 |
| TOTALS | 283 | 241 | 524 | 39 | 22 | 541 | 157 | \$878,265.65 |

Eight Day Classes for the Deaf were conducted in Lynn, New Bedford, Pittsfield, Springfield, Waltham and Worcester with 47 children enrolled. Total amount of reimbursement for such classes \$46,380.80.

In addition, \$16,039.29 was reimbursed to parents and communities providing transportation for deaf children enrolled in schools and classes. Programs inaugurated under recent legislation regarding children with aphasia provided education to eight children. Cost of this program was in the amount of \$13,615.46. Total cost of program for deaf and aphasic pupils for 1957-58 was in the amount of \$954,301.20.

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|------|------|------|------|------|--------|------|------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 |
| 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 |
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| 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 |
| 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 |
| 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 |
| 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 |
| 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 |
| 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 |
| 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 |
| 97 | 98 | 99 | 100 | 101 | 102 | 103 | 104 |
| 105 | 106 | 107 | 108 | 109 | 110 | 111 | 112 |
| 113 | 114 | 115 | 116 | 117 | 118 | 119 | 120 |
| 121 | 122 | 123 | 124 | 125 | 126 | 127 | 128 |
| 129 | 130 | 131 | 132 | 133 | 134 | 135 | 136 |
| 137 | 138 | 139 | 140 | 141 | 142 | 143 | 144 |
| 145 | 146 | 147 | 148 | 149 | 150 | 151 | 152 |
| 153 | 154 | 155 | 156 | 157 | 158 | 159 | 160 |
| 161 | 162 | 163 | 164 | 165 | 166 | 167 | 168 |
| 169 | 170 | 171 | 172 | 173 | 174 | 175 | 176 |
| 177 | 178 | 179 | 180 | 181 | 182 | 183 | 184 |
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| 193 | 194 | 195 | 196 | 197 | 198 | 199 | 200 |
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| 233 | 234 | 235 | 236 | 237 | 238 | 239 | 240 |
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| 273 | 274 | 275 | 276 | 277 | 278 | 279 | 280 |
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| 289 | 290 | 291 | 292 | 293 | 294 | 295 | 296 |
| 297 | 298 | 299 | 300 | 301 | 302 | 303 | 304 |
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| 369 | 370 | 371 | 372 | 373 | 374 | 375 | 376 |
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| 385 | 386 | 387 | 388 | 389 | 390 | 391 | 392 |
| 393 | 394 | 395 | 396 | 397 | 398 | 399 | 400 |
| 401 | 402 | 403 | 404 | 405 | 406 | 407 | 408 |
| 409 | 410 | 411 | 412 | 413 | 414 | 415 | 416 |
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| 513 | 514 | 515 | 516 | 517 | 518 | 519 | 520 |
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| 529 | 530 | 531 | 532 | 533 | 534 | 535 | 536 |
| 537 | 538 | 539 | 540 | 541 | 542 | 543 | 544 |
| 545 | 546 | 547 | 548 | 549 | 550 | 551 | 552 |
| 553 | 554 | 555 | 556 | 557 | 558 | 559 | 560 |
| 561 | 562 | 563 | 564 | 565 | 566 | 567 | 568 |
| 569 | 570 | 571 | 572 | 573 | 574 | 575 | 576 |
| 577 | 578 | 579 | 580 | 581 | 582 | 583 | 584 |
| 585 | 586 | 587 | 588 | 589 | 590 | 591 | 592 |
| 593 | 594 | 595 | 596 | 597 | 598 | 599 | 600 |
| 601 | 602 | 603 | 604 | 605 | 606 | 607 | 608 |
| 609 | 610 | 611 | 612 | 613 | 614 | 615 | 616 |
| 617 | 618 | 619 | 620 | 621 | 622 | 623 | 624 |
| 625 | 626 | 627 | 628 | 629 | 630 | 631 | 632 |
| 633 | 634 | 635 | 636 | 637 | 638 | 639 | 640 |
| 641 | 642 | 643 | 644 | 645 | 646 | 647 | 648 |
| 649 | 650 | 651 | 652 | 653 | 654 | 655 | 656 |
| 657 | 658 | 659 | 660 | 661 | 662 | 663 | 664 |
| 665 | 666 | 667 | 668 | 669 | 670 | 671 | 672 |
| 673 | 674 | 675 | 676 | 677 | 678 | 679 | 680 |
| 681 | 682 | 683 | 684 | 685 | 686 | 687 | 688 |
| 689 | 690 | 691 | 692 | 693 | 694 | 695 | 696 |
| 697 | 698 | 699 | 700 | 701 | 702 | 703 | 704 |
| 705 | 706 | 707 | 708 | 709 | 710 | 711 | 712 |
| 713 | 714 | 715 | 716 | 717 | 718 | 719 | 720 |
| 721 | 722 | 723 | 724 | 725 | 726 | 727 | 728 |
| 729 | 730 | 731 | 732 | 733 | 734 | 735 | 736 |
| 737 | 738 | 739 | 740 | 741 | 742 | 743 | 744 |
| 745 | 746 | 747 | 748 | 749 | 750 | 751 | 752 |
| 753 | 754 | 755 | 756 | 757 | 758 | 759 | 760 |
| 761 | 762 | 763 | 764 | 765 | 766 | 767 | 768 |
| 769 | 770 | 771 | 772 | 773 | 774 | 775 | 776 |
| 777 | 778 | 779 | 780 | 781 | 782 | 783 | 784 |
| 785 | 786 | 787 | 788 | 789 | 790 | 791 | 792 |
| 793 | 794 | 795 | 796 | 797 | 798 | 799 | 800 |
| 801 | 802 | 803 | 804 | 805 | 806 | 807 | 808 |
| 809 | 810 | 811 | 812 | 813 | 814 | 815 | 816 |
| 817 | 818 | 819 | 820 | 821 | 822 | 823 | 824 |
| 825 | 826 | 827 | 828 | 829 | 830 | 831 | 832 |
| 833 | 834 | 835 | 836 | 837 | 838 | 839 | 840 |
| 841 | 842 | 843 | 844 | 845 | 846 | 847 | 848 |
| 849 | 850 | 851 | 852 | 853 | 854 | 855 | 856 |
| 857 | 858 | 859 | 860 | 861 | 862 | 863 | 864 |
| 865 | 866 | 867 | 868 | 869 | 870 | 871 | 872 |
| 873 | 874 | 875 | 876 | 877 | 878 | 879 | 880 |
| 881 | 882 | 883 | 884 | 885 | 886 | 887 | 888 |
| 889 | 890 | 891 | 892 | 893 | 894 | 895 | 896 |
| 897 | 898 | 899 | 900 | 901 | 902 | 903 | 904 |
| 905 | 906 | 907 | 908 | 909 | 910 | 911 | 912 |
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| 945 | 946 | 947 | 948 | 949 | 950 | 951 | 952 |
| 953 | 954 | 955 | 956 | 957 | 958 | 959 | 960 |
| 961 | 962 | 963 | 964 | 965 | 966 | 967 | 968 |
| 969 | 970 | 971 | 972 | 973 | 974 | 975 | 976 |
| 977 | 978 | 979 | 980 | 981 | 982 | 983 | 984 |
| 985 | 986 | 987 | 988 | 989 | 990 | 991 | 992 |
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| 1001 | 1002 | 1003 | 1004 | 1005 | 1006 | 1007 | 1008 |
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| 1081 | 1082 | 1083 | 1084 | 1085 | 1086 | 1087 | 1088 |
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| 1097 | 1098 | 1099 | 1100 | 1101 | 1102 | 1103 | 1104 |
| 1105 | 1106 | 1107 | 1108 | 1109 | 1110 | 1111 | 1112 |
| 1113 | 1114 | 1115 | 1116 | 1117 | 1118 | 1119 | 1120 |
| 1121 | 1122 | 1123 | 1124 | 1125 | 1126 | 1127 | 1128 |
| 1129 | 1130 | 1131 | 1132 | 1133 | 1134 | 1135 | 1136 |
| 1137 | 1138 | 1139 | 1140 | 1141 | 1142 | 1143 | 1144 |
| 1145 | 1146 | 1147 | 1148 | 1149 | 1150 | 1151 | 1152 |
| 1153 | 1154 | 1155 | 1156 | 1157 | 1158 | 1159 | 1160 |
| 1161 | 1162 | 1163 | 1164 | 1165 | 1166 | 1167 | 1168 |
| 1169 | 1170 | 1171 | 1172 | 1173 | 1174 | 1175 | 1176 |
| 1177 | 1178 | 1179 | 1180 | 1181 | 1182 | 1183 | 1184 |
| 1185 | 1186 | 1187 | 1188 | 1189 | 1190 | 1191 | 1192 |
| 1193 | 1194 | 1195 | 1196 | 1197 | 1198 | 1199 | 1200 |
| 1201 | 1202 | 1203 | 1204 | 1205 | 1206 | 1207 | 1208 |
| 1209 | 1210 | 1211 | 1212 | 1213 | 1214 | 1215 | 1216 |
| 1217 | 1218 | 1219 | 1220 | 1221 | 1222 | 1223 | 1224 |
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| 1233 | 1234 | 1235 | 1236 | 1237 | 1238 | 1239 | 1240 |
| 1241 | 1242 | 1243 | 1244 | 1245 | 1246 | 1247 | 1248 |
| 1249 | 1250 | 1251 | 1252 | 1253 | 1254 | 1255 | 1256 |
| 1257 | 1258 | 1259 | 1260 | 1261 | 1262 | 1263 | 1264 |
| 1265 | 1266 | 1267 | 1268 | 1269 | 1270 | 1271 | 1272 |
| 1273 | 1274 | 1275 | 1276 | 1277 | 1278 | 1279 | 1280 |
| 1281 | 1282 | 1283 | 1284 | 1285 | 1286 | 1287 | 1288 |
| 1289 | 1290 | 1291 | 1292 | 1293 | 1294 | 1295 | 1296 |
| 1297 | 1298 | 1299 | 1300 | 1301 | 1302 | 1303 | 1304 |
| 1305 | 1306 | 1307 | 1308 | 1309 | 1310 | 1311 | 1312 |
| 1313 | 1314 | 1315 | 1316 | 1317 | 1318 | 1319 | 1320 |
| 1321 | 1322 | 1323 | 1324 | 1325 | 1326 | 1327 | 1328 |
| 1329 | 1330 | 1331 | 1332 | 1333 | 1334 | 1335 | 1336 |
| 1337 | 1338 | 1339 | 1340 | 1341 | 1342 | 1343 | 1344 |
| 1345 | 1346 | 1347 | 1348 | 1349 | 1350 | 1351 | 1352 |
| 1353 | 1354 | 1355 | 1356 | 1357 | 1358 | 1359 | 1360 |
| 1361 | 1362 | 1363 | 1364 | 1365 | 1366 | 1367 | 1368 |
| 1369 | 1370 | 1371 | 1372 | 1373 | 1374 | 1375 | 1376 |
| 1377 | 1378 | 1379 | 1380 | 1381 | 1382 | 1383 | 1384 |
| 1385 | 1386 | 1387 | 1388 | 1389 | 1390 | 1391 | 1392 |
| 1393 | 1394 | 1395 | 1396 | 1397 | 1398 | 1399 | 1400 |
| 1401 | 1402 | 1403 | 1404 | 1405 | 1406 | 1407 | 1408 |
| 1409 | 1410 | 1411 | 1412 | 1413 | 1414</ | | |

DIVISION OF TEACHER CERTIFICATION AND PLACEMENT

General Laws, Chapter 71, Section 38G,
as amended by Chapter 530, Acts
of 1952, and Chapter 264,
Acts of 1953

July 1, 1957 to June 30, 1958

Certification is the legal authorization for a person to teach in the public schools of the Commonwealth of Massachusetts.

The State Board of Education is charged by law to formulate regulations and policies pertinent to certification in order to contribute to the achievement of satisfactory professional standards.

Certification accreditation and teacher education constitute a continuing process designed to assure an adequate supply of competent persons for teaching.

During the period extending from July 1, 1957 to June 30, 1958, the Division of Teacher Certification and Placement issued 2586 certificates. The vast majority of these certificates were issued to recent college graduates.

DIVISION OF TEACHER CERTIFICATION AND PLACEMENT

During the year July 1, 1957 to June 30, 1958, the Division of Teacher Certification and Placement enrolled 1,187 new registrants, received notice of 416 vacancies and placed 277 teachers with aggregate salaries of \$992,558 for full-time teachers. The number of new registrants having no experience was 551. These are classified as follows:

| <u>Positions Desired</u> | <u>Women</u> | <u>Men</u> |
|--|--------------|------------|
| High School | 68 | 139 |
| Kindergarten, Primary, Grammar, Junior High, Special Class | 149 | 68 |
| Household Arts | 16 | --- |
| Art | 14 | 6 |
| Music | 10 | 10 |
| Industrial Arts | --- | 7 |
| Physical Education | 2 | 11 |
| Commercial | 17 | 28 |
| Miscellaneous | 6 | --- |
| Totals | 282 | 269 |

The number of teachers placed by the Division from 1913-1958 together with the aggregate salaries is indicated in the following table:

| | <u>1913-1954</u> | <u>1955</u> | <u>1956</u> | <u>1957</u> | <u>1958</u> | <u>Totals</u> |
|--|------------------|-------------|-------------|-------------|-------------|---------------|
| Superintendents of Schools | 136 | 6 | 6 | 11 | 6 | 167 |
| High School Principals | 296 | 3 | 2 | 3 | 2 | 306 |
| High School Teachers | 2,859 | 83 | 69 | 66 | 42 | 3,119 |
| Elementary and Junior High School Principals | 262 | 11 | 9 | 8 | 6 | 296 |
| Elementary, Junior High and Special Class Teachers | 4,991 | 156 | 162 | 155 | 142 | 5,606 |
| Special Subject Teachers | 2,515 | 85 | 86 | 84 | 79 | 2,849 |
| State Teachers College | 229 | 16 | 13 | 12 | --- | 270 |
| Part time Teachers | 1,130 | --- | --- | --- | --- | 1,130 |
| Totals | 12,418 | 362 | 347 | 339 | 277 | 13,743 |

Estimated Aggregate Salaries of Teachers Placed \$18,301,253 \$962,884 \$1,145,100 \$1,336,281 \$992,558 \$22,738,076

| | | | |
|----|-------------|-------------|--|
| 1 | 1872 A 2000 | | |
| 2 | 1872 B 2000 | 1872 C 2000 | |
| 3 | 1872 D 2000 | 1872 E 2000 | |
| 4 | 1872 F 2000 | | |
| 5 | 1872 G 2000 | | |
| 6 | 1872 H 2000 | | |
| 7 | 1872 I 2000 | | |
| 8 | 1872 J 2000 | | |
| 9 | 1872 K 2000 | | |
| 10 | 1872 L 2000 | | |
| 11 | 1872 M 2000 | | |
| 12 | 1872 N 2000 | | |
| 13 | 1872 O 2000 | | |
| 14 | 1872 P 2000 | | |
| 15 | 1872 Q 2000 | | |
| 16 | 1872 R 2000 | | |
| 17 | 1872 S 2000 | | |
| 18 | 1872 T 2000 | | |
| 19 | 1872 U 2000 | | |
| 20 | 1872 V 2000 | | |
| 21 | 1872 W 2000 | | |
| 22 | 1872 X 2000 | | |
| 23 | 1872 Y 2000 | | |
| 24 | 1872 Z 2000 | | |
| 25 | 1872 A 2001 | | |
| 26 | 1872 B 2001 | | |
| 27 | 1872 C 2001 | | |
| 28 | 1872 D 2001 | | |
| 29 | 1872 E 2001 | | |
| 30 | 1872 F 2001 | | |
| 31 | 1872 G 2001 | | |
| 32 | 1872 H 2001 | | |
| 33 | 1872 I 2001 | | |
| 34 | 1872 J 2001 | | |
| 35 | 1872 K 2001 | | |
| 36 | 1872 L 2001 | | |
| 37 | 1872 M 2001 | | |
| 38 | 1872 N 2001 | | |
| 39 | 1872 O 2001 | | |
| 40 | 1872 P 2001 | | |
| 41 | 1872 Q 2001 | | |
| 42 | 1872 R 2001 | | |
| 43 | 1872 S 2001 | | |
| 44 | 1872 T 2001 | | |
| 45 | 1872 U 2001 | | |
| 46 | 1872 V 2001 | | |
| 47 | 1872 W 2001 | | |
| 48 | 1872 X 2001 | | |
| 49 | 1872 Y 2001 | | |
| 50 | 1872 Z 2001 | | |

ANNUAL REPORT

DIVISION OF CIVIC EDUCATION

1958 - PART I

Chapter 693 of the Acts of 1951 charges this division in the Department of Education with "responsibility for leadership in the co-operative study and fuller use, in the public schools and teachers colleges of the Commonwealth, of teaching materials and methods, student activities, and administrative and supervisory procedures directed toward more effective preparation for the duties of citizenship."

As indicated in previous reports, this division has adopted the service concept in its relationships with the schools and state teachers colleges. Accordingly, in every situation where school systems, state teachers colleges, and other agencies interested in citizenship training in these institutions have requested advice and assistance, we have provided these services. Additionally, as summarized below, several programs stressing teaching the duties of citizenship have originated in this division and, in turn, have been very favorably received by the schools and others.

SUMMARY

I. PROGRAMS FOR PUPILS

A. Assembly Talks to Secondary School Students

1. "Citizenship in Action" citation assemblies in conjunction with Citizenship Committee of Massachusetts Secondary School Principals' Association.

Shelburne Falls High School, June 3, 1958.

Charlemont High School, June 3, 1958.

Springfield Trade High School, June 3, 1958.

Amesbury High School, June 5, 1958.

Bedford High School, June 9, 1958.

Girls' High School, Boston, June 18, 1958.

2. Other Talks to Students

United Community Services Recognition Day Assembly,
September 27, 1957.

Massachusetts Jewish War Veterans - Brotherhood Breakfast,
February 2, 1958.

Eastern Junior High School, Lynn - Brotherhood Assembly,
February 20, 1958.

Central Junior High School, Weymouth - Council Assembly,
April 1, 1958.

Malden Hospital Student Volunteer Recognition Day, April 10, 1958.

Lynn Trade High School - Graduation, June 6, 1958.

Brockton High School - Graduation, June 12, 1958.

American Legion Girls' State - Assembly, June 17, 1958.

Dartmouth High School - Graduation, June 19, 1958.

1. 2014年12月31日，本公司应收账款账面余额为1,000,000.00元，坏账准备余额为100,000.00元。

1. The first part of the report is a summary of the work done during the year. It is a very brief summary, but it gives a good idea of the work done. It is followed by a more detailed account of the work done, which is divided into two parts. The first part is a description of the work done, and the second part is a description of the results of the work. The report is written in a very clear and concise style, and it is very easy to read. It is a very good example of a report, and it is well worth reading.

[illegible]

... ..

7. *Phragmites australis* (Cav.) Trin. ex Steud. (Common reed)

1. The first part of the document is a letter from the President of the United States to the Congress, dated January 1, 1861. It is a very important document, as it contains the President's message to the Congress at the beginning of his second term. The letter is written in a formal, dignified style, and it is one of the most important documents in the history of the United States.

[illegible]

1890-1891

[illegible]

B. Major Conference

1. Tufts Civic Education Center--Massachusetts Department of Education "Youth Citizenship Conference," June 6 and 7, 1958, at Tufts. Organized and conducted program for delegates from twenty Massachusetts high schools, including a special television presentation offered at WHDH-TV, June 6.

C. Student Government Exchange Program for 1958

This program (described in printed brochure which is available on request) provided an intensely interesting approach to the study of local government through the pairing of one hundred seventeen (117) city and town high schools as follows:

TOWNS

Abington High School
 Acton-Boxborough Regional
 Amesbury High School
 Archbishop Williams, Braintree
 Ashby High School
 Auburn High School
 Barnstable High School
 Belmont High School
 Bridgewater High School
 Canton High School
 Clinton High School
 Concord High School
 Dartmouth High School
 Dedham High School
 Dighton High School
 Duxbury High School
 Frontier Regional (Deerfield)
 Georgetown High School
 Greenfield High School
 Harvard High School
 Hingham High School
 Hudson High School
 Lexington High School
 Lincoln-Sudbury Regional
 Littleton High School
 Lunenburg High School
 Marblehead High School
 Methuen High School
 Milford High School
 Milton High School
 Natick High School
 Needham High School
 Norton High School
 Norwell High School
 Plymouth High School

CITIES

North Quincy High School
 Everett Vocational High School
 Beverly High School
 Gate of Heaven, South Boston
 Gardner High School
 Worcester Girls' Trade High School
 New Bedford Vocational High School
 Jamaica Plain High School
 Quincy Trade High School
 Somerville High School
 St. Stephen's High, Worcester
 Marlborough High School
 B.M.C. Durfee High, Fall River
 Cambridge High and Latin School
 St. Mary's High, Waltham
 Brockton High School
 Springfield Classical High School
 Haverhill High School
 Springfield Technical High School
 Worcester Classical High School
 Roslindale High School
 Lowell Vocational High School
 Newton High School
 J. E. Burke High, Boston
 Lowell High School
 Worcester South High School
 Boston Latin School
 Gloucester High School
 Waltham Vocational High School
 Quincy Senior High School
 Roxbury Memorial for Girls
 Peabody High School
 Waltham Senior High School
 Diman Vocational High, Fall River
 Attleboro High School

1. The first part of the report is a general statement of the purpose and scope of the study. It is followed by a brief review of the literature on the subject. The third part of the report is a description of the methods used in the study. The fourth part is a presentation of the results of the study. The fifth part is a discussion of the results and their implications. The sixth part is a conclusion. The seventh part is a list of references.

The purpose of the study was to determine the effect of the new teaching method on the learning of the subject. The scope of the study was limited to the first year of the course. The literature review showed that there was a need for a new teaching method. The methods used in the study were the new teaching method and the traditional teaching method. The results of the study showed that the new teaching method was more effective than the traditional teaching method. The discussion of the results showed that the new teaching method had a positive effect on the learning of the subject. The conclusion was that the new teaching method should be used in the first year of the course. The list of references is at the end of the report.

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- 3 -

C. (Continued)

| | |
|---------------------------------|-------------------------------------|
| Randolph High School | Charlestown High School |
| Rockland High School | South Boston High School |
| Saint Mary's High, Brookline | Cathedral High School, Boston |
| Saint Patrick's High, Watertown | Dorchester High School |
| Saugus High School | Lynn Trade High School |
| Scituate High School | Hyde Park High School |
| Shrewsbury High School | Worcester North High School |
| Somerset High School | Taunton High School |
| Southbridge High School | Northampton High School |
| Stoneham High School | Revere High School |
| Stoughton High School | Roxbury Memorial for Boys |
| Stow High School | Leominster-Saxton Trade High School |
| Swampscott High School | Newburyport High School |
| Swansea High School | B.M.C. Durfee High, Fall River(2) |
| Topsfield High School | Everett High School |
| Wakefield High School | Rindge Technical High, Cambridge |
| Warren High School | Worcester Boys' Trade High School |
| Watertown High School | Salem High School |
| Webster High School | Springfield Trade High School |
| West Boylston High School | Worcester Commerce High School |
| Westwood High School | Lynn English High School |
| Weymouth High School | Woburn High School |
| Wilmington High School | Lawrence High School |
| Winchester High School | Lynn Classical High School |

In addition to the organization and general direction of the program, the Director of Civic Education and the Supervisor of Civic Education attended special observances and addressed students of the following participating schools:

March 10 - at Boston: Hingham High School; Lincoln-Sudbury Regional High; St. Mary's High, Brookline; Rockland High School; Natick High School; Roslindale High School; Jeremiah E. Burke High, Boston; Cathedral High School, Boston; South Boston High School; Roxbury Memorial High School for Girls.

March 21 - at Worcester: Worcester Classical High; Harvard High School; Worcester Commerce High; West Boylston High School; Worcester South High; Lunenburg High School; Worcester North High; Shrewsbury High School; Worcester Boys' Trade High; Warren High School; Worcester Girls' Trade High; Auburn High School; St. Stephen's High, Worcester; Clinton High School.

March 24 - at Boston: Belmont High School; Jamaica Plain High School; Marblehead High School; Boston Latin School; St. Patrick's High School, Watertown; Dorchester High School; Scituate High School; Hyde Park High School; Stoughton High School; Roxbury Memorial High School for Boys; Randolph High School; Charlestown High School; Archbishop Williams High, Braintree; Gate of Heaven High School, South Boston.

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1944. The above is a
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 persons who were in the
 city of New York in the
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foods. He has a lot of food. He has a lot of food.

Vol. 5th No. 1
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sent to the Department of the Interior, Bureau of Land Management, for their review and approval.

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1992, 1993, 1994, 1995, 1996, 1997, 1998, 1999, 2000, 2001, 2002, 2003, 2004, 2005, 2006, 2007, 2008, 2009, 2010, 2011, 2012, 2013, 2014, 2015, 2016, 2017, 2018, 2019, 2020, 2021, 2022, 2023, 2024, 2025, 2026, 2027, 2028, 2029, 2030, 2031, 2032, 2033, 2034, 2035, 2036, 2037, 2038, 2039, 2040, 2041, 2042, 2043, 2044, 2045, 2046, 2047, 2048, 2049, 2050, 2051, 2052, 2053, 2054, 2055, 2056, 2057, 2058, 2059, 2060, 2061, 2062, 2063, 2064, 2065, 2066, 2067, 2068, 2069, 2070, 2071, 2072, 2073, 2074, 2075, 2076, 2077, 2078, 2079, 2080, 2081, 2082, 2083, 2084, 2085, 2086, 2087, 2088, 2089, 2090, 2091, 2092, 2093, 2094, 2095, 2096, 2097, 2098, 2099, 2100, 2101, 2102, 2103, 2104, 2105, 2106, 2107, 2108, 2109, 2110, 2111, 2112, 2113, 2114, 2115, 2116, 2117, 2118, 2119, 2120, 2121, 2122, 2123, 2124, 2125, 2126, 2127, 2128, 2129, 2130, 2131, 2132, 2133, 2134, 2135, 2136, 2137, 2138, 2139, 2140, 2141, 2142, 2143, 2144, 2145, 2146, 2147, 2148, 2149, 2150, 2151, 2152, 2153, 2154, 2155, 2156, 2157, 2158, 2159, 2160, 2161, 2162, 2163, 2164, 2165, 2166, 2167, 2168, 2169, 2170, 2171, 2172, 2173, 2174, 2175, 2176, 2177, 2178, 2179, 2180, 2181, 2182, 2183, 2184, 2185, 2186, 2187, 2188, 2189, 2190, 2191, 2192, 2193, 2194, 2195, 2196, 2197, 2198, 2199, 2200, 2201, 2202, 2203, 2204, 2205, 2206, 2207, 2208, 2209, 2210, 2211, 2212, 2213, 2214, 2215, 2216, 2217, 2218, 2219, 2220, 2221, 2222, 2223, 2224, 2225, 2226, 2227, 2228, 2229, 2230, 2231, 2232, 2233, 2234, 2235, 2236, 2237, 2238, 2239, 2240, 2241, 2242, 2243, 2244, 2245, 2246, 2247, 2248, 2249, 2250, 2251, 2252, 2253, 2254, 2255, 2256, 2257, 2258, 2259, 2260, 2261, 2262, 2263, 2264, 2265, 2266, 2267, 2268, 2269, 2270, 2271, 2272, 2273, 2274, 2275, 2276, 2277, 2278, 2279, 2280, 2281, 2282, 2283, 2284, 2285, 2286, 2287, 2288, 2289, 2290, 2291, 2292, 2293, 2294, 2295, 2296, 2297, 2298, 2299, 2300, 2301, 2302, 2303, 2304, 2305, 2306, 2307, 2308, 2309, 2310, 2311, 2312, 2313, 2314, 2315, 2316, 2317, 2318, 2319, 2320, 2321, 2322, 2323, 2324, 2325, 2326, 2327, 2328, 2329, 2330, 2331, 2332, 2333, 2334, 2335, 2336, 2337, 2338, 2339, 2340, 2341, 2342, 2343, 2344, 2345, 2346, 2347, 2348, 2349, 2350, 2351, 2352, 2353, 2354, 2355, 2356, 2357, 2358, 2359, 2360, 2361, 2362, 2363, 2364, 2365, 2366, 2367, 2368, 2369, 2370, 2371, 2372, 2373, 2374, 2375, 2376, 2377, 2378, 2379, 2380, 2381, 2382, 2383, 2384, 2385, 2386, 2387, 2388, 2389, 2390, 2391, 2392, 2393, 2394, 2395, 2396, 2397, 2398, 2399, 2400, 2401, 2402, 2403, 2404, 2405, 2406, 2407, 2408, 2409, 2410, 2411, 2412, 2413, 2414, 2415, 2416, 2417, 2418, 2419, 2420, 2421, 2422, 2423, 2424, 2425, 2426, 2427, 2428, 2429, 2430, 2431, 2432, 2433, 2434, 2435, 2436, 2437, 2438, 2439, 2440, 2441, 2442, 2443, 2444, 2445, 2446, 2447, 2448, 2449, 2450, 2451, 2452, 2453, 2454, 2455, 2456, 2457, 2458, 2459, 2460, 2461, 2462, 2463, 2464, 2465, 2466, 2467, 2468, 2469, 2470, 2471, 2472, 2473, 2474, 2475, 2476, 2477, 2478, 2479, 2480, 2481, 2482, 2483, 2484, 2485, 2486, 2487, 2488, 2489, 2490, 2491, 2492, 2493, 2494, 2495, 2496, 2497, 2498, 2499, 2500, 2501, 2502, 2503, 2504, 2505, 2506, 2507, 2508, 2509, 2510, 2511, 2512, 2513, 2514, 2515, 2516, 2517, 2518, 2519, 2520, 2521, 2522, 2523, 2524, 2525, 2526, 2527, 2528, 2529, 2530, 2531, 2532, 2533, 2534, 2535, 2536, 2537, 2538, 2539, 2540, 2541, 2542, 2543, 2544, 2545, 2546, 2547, 2548, 2549, 2550, 2551, 2552, 2553, 2554, 2555, 2556, 2557, 2558, 2559, 2560, 2561, 2562, 2563, 2564, 2565, 2566, 2567, 2568, 2569, 2570, 2571, 2572, 2573, 2574, 2575, 2576, 2577, 2578, 2579, 2580, 2581, 2582, 2583, 2584, 2585, 2586, 2587, 2588, 2589, 2590, 2591, 2592, 2593, 2594, 2595, 2596, 2597, 2598, 2599, 2600, 2601, 2602, 2603, 2604, 2605, 2606, 2607, 2608, 2609, 2610, 2611, 2612, 2613, 2614, 2615, 2616, 2617, 2618, 2619, 2620, 2621, 2622, 2623, 2624, 2625, 2626, 2627, 2628, 2629, 2630, 2631, 2632, 2633, 2634, 2635, 2636, 2637, 2638, 2639, 2640, 2641, 2642, 2643, 2644, 2645, 2646, 2647, 2648, 2649, 2650, 2651, 2652, 2653, 2654, 2655, 2656, 2657, 2658, 2659, 2660, 2661, 2662, 2663, 2664, 2665, 2666, 2667, 2668, 2669, 2670, 2671, 2672, 2673, 26

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1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific information required.

1. The first step is to identify the problem or question that needs to be answered. This involves understanding the context and the specific requirements of the task.

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 3. 1940年12月1日，国民党政府

1. 1940年10月10日，毛泽东在延安干部会议上作《新民主主义论》的报告。

- 4 -

March 24 - at Everett: Everett Vocational High School; Acton-Boxborough Regional.

May 12 - at Cambridge: Cambridge High and Latin; Dedham High School; Rindge Technical High, Cambridge; Wakefield High School.

Student Government Exchange Planning Conferences for Faculty Advisers were held as follows:

January 31, 1958 - at Boston
 February 3, 1958 - at Leominster
 February 4, 1958 - at Springfield, Greenfield, Deerfield
 (Frontier Regional)
 February 6, 1958 - Haverhill, Wilmington, Lowell, Fall
 River, New Bedford, Plymouth.
 February 10, 1958 - at Worcester

D. Student Government Day

Eight "Visiting Days" were held at the State House for Student Government Day delegates as follows:

January 14 - County: Middlesex A
 January 21 - County: Middlesex B
 January 28 - County: Suffolk
 February 4 - County: Essex
 February 11 - County: Norfolk
 February 18 - Counties: Barnstable, Bristol, Dukes,
 Nantucket, Plymouth
 February 25 - County: Worcester
 March 4 - Counties: Berkshire, Franklin, Hampden,
 Hampshire

The "Glass Bowl Drawing" was held at the State House, Friday, January 10, 1958.

Student Government Day was held at the State House on Friday, March 14, 1958.

A milestone in educational television was reached this year with the live broadcasting of the complete Student Government Day program over Station WGBH-TV on March 14. Station WNAC-TV also carried the inaugural ceremony, live, on March 14. Station WLP-TV (Springfield) rebroadcast the inaugural program on March 18 for schools in Western Massachusetts. Radio coverage was given by the following stations: WGBH-FM (Boston), WEDK-FM (Springfield), WCOP (Boston), and WEEI (Boston).

Returns from approximately one-fourth of the schools participating in Student Government Day indicated that the television programs were viewed by 28,389 pupils and 16,691 parents. 11,105 pupils heard the radio broadcasts. Actual returns indicate that 56,188 saw or heard the program. A conservative projection would indicate that more than 100,000 saw part or all of the television broadcast.

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- 5 -

The Division is grateful to the following persons and organizations whose contributions financed the television programs and the related kinescoping:

| | |
|--|--|
| Harry W. Besse | Massachusetts Committee, Catholics, |
| Joseph Kaplan, President, Colonial Tanning Co., Inc. | Protestants, and Jews |
| Augustin H. Parker, Jr. | Massachusetts State CIO Industrial Union Council |
| John Hancock Mutual Life Insurance Company | Middlesex County National Bank |
| General Electric Company (in Massachusetts) | Sheraton Corporation of America |
| First National Bank of Boston | Massachusetts Civic League |
| Tufts Civic Education Center | Massachusetts Bar Association |
| | Tufts Civic Education Center |

The Division also acknowledges with sincere appreciation the financial support of the Massachusetts Teachers Association which sponsored the student luncheon and that of the Massachusetts Civic League, which annually assists in conducting the program and in underwriting the procurement of vital teaching materials.

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II. TEACHER-TRAINING

A. Extension Courses for teachers-in-service

1. "Institute on Youth Problems," Bridgewater State Teachers College, Fall, 1957.
2. "Institute on Youth Problems," Boston State Teachers College, Winter, 1958.

B. Courses for Undergraduates in State Teachers Colleges

1. "Education for Citizenship" course at Boston State Teachers College, 1957-1958. (Mr. Ahearn)
2. "Education for Citizenship" course at Salem State Teachers College, 1957-1958. (Miss Coffey)
3. "Education for Citizenship" course at Framingham State Teachers College, 1957-1958. (Mr. Gannon)
4. "Civic Education for Teachers" course at Bridgewater State Teachers College, 1957-1958. (Dr. Foth)
5. "Political Science" course at Westfield State Teachers College, 1957-1958. (Mr. Welch)

NOTE: These courses were serviced directly by this Division through study guides, suggested bibliography, and resource materials. This office also made arrangements for some guest lecturers in these courses.

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- 6 -

C. Economic Education. This Division has worked with and through the New England Economic Education Council to increase economic competency at all levels of educational programming. Some of the more significant activities were as follows:

1. Co-operated in the organization, recruiting, and operation of the N.E.E.E.C. "Workshop in Economic Education" for elementary and secondary school teachers held at North Andover, June 23 - July 12, 1958.
2. Assisted extensively in the revision of the curriculum guide for economic education entitled, "Toward Economic Competency."
3. Helped to organize and conduct the N.E.E.E.C.-Boston College "Educators' Economic Seminars" held at Boston College on November 26, 1957, January 30, 1958, March 13, 1958, and May 1, 1958. Approximately three hundred teachers and administrators and seven hundred pupils benefited from these seminars based on the theme, "Issues in Metropolitan Living."

NOTE: The Director of the Division was a member of the Steering Committee, a speaker at the March 13 meeting, and moderator of the "Junior Seminar" television program on Channel WGBH-TV on May 1.

The Supervisor of Education assumed the main responsibility in preparing the study outlines and one hundred fifty kits of materials which were distributed at these meetings.

4. Co-operated in the organization and conduct of the "Osgood Hill Conference on Economic Education for Teachers College Faculties" held at North Andover, June 16 - 20, 1958. This conference brought together representatives of eleven New England colleges and state departments in an intensive study of the topic, "Interdependence in Metropolitan Living."

The following institutions and departments were represented: Johnston State Teachers College, Keene State Teachers College, University of New Hampshire, Rhode Island College of Education, University of Rhode Island, New Haven State Teachers College, Worcester State Teachers College, Salem State Teachers College, Westfield State Teachers College, Boston State Teachers College, Massachusetts Department of Education

5. Participation by Director of Civic Education in meetings of the Joint Council on Economic Education at Arden House, Harriman, New York, November 6 - 8, 1958. Member of Board of Directors.
6. Participation by Supervisor of Civic Education in ten-day workshop on "Conservation and Resource Use" sponsored by Joint Council on Economic Education at Antioch College, Ohio, July 7 - 17, 1958. Assisted in preparation of final conference publication.

NOTE: During the year, the Director of Civic Education participated in 11 N.E.E.E.C. planning meetings related to the programs previously described.

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D. Intergroup Education:

1. The Director of Civic Education served as a member of the Governor's Committee on Civil Rights. Responsibilities included assisting in planning the major conference held at Boston College Law School, June 4, 1957, participating as a guest speaker and moderator at this conference, and assisting in drafting the final report of the committee.
2. The Director served as Chairman of the Scholarship Committee of the National Conference of Christians and Jews during 1957 - 1958.

E. School-Community Service Programs: The Director served as Chairman of the Advisory Committee of the School Bureau, United Community Service of Metropolitan Boston. This program guided 2100 junior and senior high school students who gave approximately 42,000 hours of voluntary community service in 40 agencies during the year.

F. Principal Speaking Engagements and Panel Participation at Major Educational Conferences:

NOTE: Not previously reported under separate headings.

By the Director

1. July 19 - Hyannis Teachers College - assembly speaker.
2. August 6 - Bridgewater High School - speaker at Human Relations Workshop of National Conference of Christians and Jews.
3. September 4 - Walpole High School - principal speaker at opening conference for all Walpole teachers.
4. October 1.- "October Conference for the Exchange of Educational Opinion," Crawford Notch, New Hampshire. - principal speaker.
5. October 24 - Salem State Teachers College - Lecturer - Civic Education class.
6. November 13 - Lowell State Teachers College - Assembly speaker.
7. November 25 - Lowell State Teachers College - Lecturer, senior class.
8. November 30 - National Council for Social Studies Annual Conference, Pittsburgh, Pennsylvania - Section meeting speaker.
9. December 9 - Boston State Teachers College - Lecturer, Civic Education class.
10. December 12 - Tufts Civic Education Center - Speaker, teachers conference.
11. February 8 - Tufts Civic Education Center - television panel member.
12. February 10 - Boston State Teachers College - Lecturer, Civic Education class
13. March 29 - Boston University - Human Relations panel speaker.
14. April 11 - Bridgewater State Teachers College - Speaker, Annual Conference of Faculties of Massachusetts State Teachers Colleges.
15. May 22 - Braintree Teachers Association - Speaker, Annual Dinner.
16. June 23 - Fitchburg State Teachers College - Speaker at Vocational Education State Conference.

By the Supervisor of Civic Education

1. September 15 - 17 - Washington, D.C. - National Citizenship Conference - participant in group discussions.
2. November 6 - Natick High School - Conference of new school administration.
3. April 21 - 23, 1958 - Hamilton High School - Member of New England Association of Secondary Schools and Colleges evaluation team.
4. May 16, 1958 - Amherst College - Panelist at Western Massachusetts Citizenship Clearing House conference.
5. May 19 - Salem State Teachers College - Lecturer, Civic Education class.
6. June 6 - 7, 1958 - Tufts - Discussion leader at Tufts Youth Conference.

G. Consultations re Civic Education Programs: Fifty-five visits were made to individual school systems for the purpose of interpreting and promoting civic education programs. Additionally, several office consultations were held for similar purposes.

NOTE: Specific dates and other information regarding these consultations are not included in any other data otherwise listed in this report.

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III. SCHOOL AND COMMUNITY RELATIONSHIPS

A. Co-operative Action with Other Agencies

NOTE: Consultative and other services.

1. National Conference of Christians and Jews.
2. Massachusetts Commission Against Discrimination.
3. Massachusetts Secondary School Principals Association.
4. Stations WBZ, WGBH-TV, WCOP.
5. Massachusetts Teachers Association Citizenship Committee.
6. Greater Boston Council for Youth.
7. Tufts Civic Education Center.
8. United States Office of Immigration and Naturalization.
9. Massachusetts Division of Immigration and Americanization.
10. Massachusetts Teachers of Adults Association.
11. New England Economic Education Council.
12. Joint Council on Economic Education.
13. Massachusetts Youth Service Board.
14. Massachusetts Congress of Parents and Teachers.
15. B'nai B'rith Anti-Defamation League.
16. School Bureau, United Community Services of Metropolitan Boston.
17. Massachusetts Committee Catholics, Protestants, and Jews.
18. North Central Association Secondary School Principals.
19. Freedom, Inc.

B. Other Speaking Engagements. (By Director of Civic Education)

1. October 2, 3 - Massachusetts Congress Parents and Teachers, State Convention, Swampscott - Panel moderator, speaker.
2. October 18 - Massachusetts Teachers Association - Regional Conference at Great Barrington - speaker.
3. October 29 - Marblehead High School P. T. A. - Panel moderator.
4. November 12 - Taunton Professional Women's Club - Speaker.
5. November 15 - Station WBZ, Boston - American Education Week broadcast.
6. January 20 - Malden, Lincoln Junior High School - P.T.A. Speaker.
7. February 1 - Boston, Massachusetts Congress P.T.A.'s Midwinter Conference - panel speaker.
8. February 8 - Boston, Massachusetts Teachers Association Citizenship Conference - Panel moderator.
9. March 26 - Tufts - WGBH-TV - Panel Speaker.
10. April 3 - Taunton Council of P.T.A.'s - Speaker.
11. April 23 - Seekonk Junior High School - Congress of P.T.A.'s - District Conference - Speaker.
12. April 24 - University of Massachusetts, Amherst - State Conference of Town, City Managers - Speaker.
13. May 13 - Boston - League of Catholic Women - Speaker.

THE UNIVERSITY OF CHICAGO

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| 1. | October 1, 1911 | Received from the University of Chicago |
| 2. | October 2, 1911 | Received from the University of Chicago |
| 3. | October 3, 1911 | Received from the University of Chicago |
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| 28. | October 28, 1911 | Received from the University of Chicago |
| 29. | October 29, 1911 | Received from the University of Chicago |
| 30. | October 30, 1911 | Received from the University of Chicago |
| 31. | October 31, 1911 | Received from the University of Chicago |

- 10 -

ANNUAL REPORT

Supplement

ADULT CIVIC EDUCATION PROGRAM

In accordance with Chapter 69, General Laws, Sections 9, 9A, and 10, the Department in co-operation with cities and towns applying therefor, provides for instruction in the use of English for adults eighteen years of age or older unable to speak, read, or write the same, and in the fundamental principals of government and other subjects adopted to fit for American Citizenship.

Effective July 1, 1954, the Adult Civic Education program has been under the direction of the Office of American Citizenship (now the Division of Civic Education).

SUMMARY (1957-1958)

I. TEACHER-TRAININGA. Extension Courses Preparing Teachers to Instruct Foreign Born:

1. "Workshop in Adult Civic Education," Boston State Teachers College, Fall, 1957.
2. "Workshop in Adult Civic Education," New Bedford, Winter, 1958.

B. State Conference

This office directed the planning and conduct of the Annual Fall Conference of Supervisors and Teachers of Adult Civic Education which was held at the Boston University Faculty Club, Saturday, November 2, 1957.

C. "Washington Pilgrimage"

Eighty students from Adult Civic Education classes throughout the state accompanied by the Director of Civic Education and Miss Margaret Kielty, Director of Adult Education in Fitchburg, visited Washington, D.C., May 16-18, 1958, in a renewal of the department's traditional "Pilgrimage" to the nation's capital. Highlights of the trip were visits to the White House, the Capitol, the Library of Congress, Mount Vernon, and Arlington National Cemetery, where memorial services were conducted.

D. Speaking EngagementsBy the Director of Civic Education

1. Lynn Adult Civic Education graduation, April 15, 1958.
2. Massachusetts Teachers of Adults (Eastern Division) Fall Conference, Boston, October 19, 1957.
3. Massachusetts Teachers of Adults, Annual Meeting, Lynnfield, May 24, 1958.

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Journal of Management Studies, 19(1), 67-80.

Journal of Management Studies, 19(1), 67-80.

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1. The first group of people who are interested in the study of the history of the world are the historians. They are people who are interested in the past and who want to know what happened in the world. They study the past in order to learn from it and to understand the present. They write books and articles about the past and they teach in schools and universities.

- 11 -

By the Supervisor of Civic Education

1. Springfield Adult Civic Education graduation, March 11, 1958.
2. Cambridge Adult Civic Education graduation, March 25, 1958.
3. Arlington Adult Civic Education graduation, May 2, 1958.
4. Fall River Adult Civic Education "I Am an American Night,"
May 20, 1958.

Significant Data - Adult Civic Education Program

1956 - 1957

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| No. of cities and towns
holding classes | 68 |
| No. of classes | 331 |
| Total Enrollment | 8,938 |
| No. of Supervisors and
teachers | 338 |
| Amount of State Reimburse-
ment | \$111,121.77 |

1957 - 1958

To be inserted when school returns are completed.

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RESEARCH & STATISTICS

SCHOLARSHIPS - CHILDREN OF WORLD WAR VETERANS

There were 155 students enrolled in institutions of higher education during the college year 1957-58 whose fathers or mothers were World War I, II or Korean Veterans whose service was credited to Massachusetts and who were killed in action or died as a result of war service. Reimbursement under provisions of General Laws, Chapter 69, section 7B for that period amounted to \$94,000.

ANNUAL REPORT
Year Ending June 30, 1958
of the
DIVISION OF IMMIGRATION AND AMERICANIZATION
of the
DEPARTMENT OF EDUCATION

On June 30, 1958, the Division of Immigration and Americanization completed thirty-nine years as a part of the Department of Education. Since the Division is the successor to the Bureau of Immigration created by act of Legislature on May 25, 1917, the State work for the foreign born is forty-one years old.

The 42,647 services rendered clients during the past year showed an increase of 1,095 over last year. The increases were noted in the District Offices, except for Springfield where the District Agent had to work alone a great part of the year due to the illness of the Secretary in that office. Boston listed 26,159 services; Fall River, 3,911; Lawrence, 3,254; Springfield, 3,940 and Worcester, 5,383.

In January 1958, under the Alien Registration Act, 130,036 aliens registered in the Commonwealth, an increase of nearly 600 over the preceding year. Massachusetts ranks 7th in number of aliens in the United States of which there are 2,899,691. New York has the greatest number with 558,462 followed by California, Texas, Illinois, Michigan and New Jersey. The nationalities of aliens registered in 1958 in Massachusetts are:

| | |
|---------------------------------|--------|
| Great Britain & Canada. | 40,333 |
| Italy. | 16,833 |
| Polish. | 11,962 |
| Germany. | 5,738 |
| USSR. | 4,642 |
| Greece. | 4,152 |
| Chinese | 1,292 |
| All Others. | 45,086 |

The Annual Report of the U.S. Immigration and Naturalization Service listed 11,260 aliens destined to Massachusetts for the fiscal year ending June 30, 1957. Statistics show that of the aliens coming to this State, Canada leads in number with those from Italy next, closely followed by those from the United Kingdom and then Germany, etc. We have about 1100 Hungarian Parolees in this State. We note among our clientele quite a number of Polish born persons who came to join their relatives in this state and many instances of families being reunited after long separations.

THE
JOURNAL OF THE
ROYAL ANTHROPOLOGICAL INSTITUTE
OF GREAT BRITAIN AND IRELAND
VOLUME 34
PART 1
1904

THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE OF GREAT BRITAIN AND IRELAND, VOLUME 34, PART 1, 1904, contains the following papers:

1. THE ANTHROPOLOGY OF THE CAUCASUS, by H. H. SCHODDER.
2. THE CAUCASIAN RACES, by H. H. SCHODDER.
3. THE CAUCASIAN RACES, by H. H. SCHODDER.

4. THE CAUCASIAN RACES, by H. H. SCHODDER.
5. THE CAUCASIAN RACES, by H. H. SCHODDER.
6. THE CAUCASIAN RACES, by H. H. SCHODDER.

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| 43. | 44. | 45. | 46. | 47. | 48. |
| 49. | 50. | 51. | 52. | 53. | 54. |
| 55. | 56. | 57. | 58. | 59. | 60. |

THE JOURNAL OF THE ROYAL ANTHROPOLOGICAL INSTITUTE OF GREAT BRITAIN AND IRELAND, VOLUME 34, PART 1, 1904, contains the following papers:

NATIONALITIES AND LOCALITIES OF CLIENTS

Of the fifty-five nationalities served, the Italian born clients, although many of them naturalized citizens, were largest in number of which there were 8,486. United States born persons are next in number with 5,565 with Canadians, 4,429; followed by Irish born and closely followed by Polish and Portuguese born clients with each near 2,700, with clients born in Germany, France and Great Britain next in number, with clients from practically every city or town in the Commonwealth, since our offices are so located to cover the State.

WELCOMING THE NEWCOMER

This Division continues to send welcome letters to persons destined to this State from abroad. The letter of welcome informs the newcomer of the services of the offices to help him in becoming assimilated to life in the United States. Many of the replies request information about schools and educational opportunities, as well as information on citizenship and reunion of relatives to come. In the past year it was noted that job opportunities for the newcomer were not as plentiful. Inquiries about employment opportunities were referred to proper sources. Our offices had personal contact with some 2,471 newcomers in the past year for various types of assistance.

IMMIGRATION LEGISLATION OF 1957

Enactment of new legislation affects our work with aliens so that our immigration work with the clients was increased due especially to the enactment of Public Law 85-316 on September 11, 1957. This law made many important changes in the Immigration Statutes. Notable in this legislation was the granting of legitimate status to children born out of wedlock. Previously this child could not get a preferential quota status and in countries where there was a backlog of registrations such a child registered in the nonpreference category faced a wait of many years. Now the law permits the mother of such a child to petition and grants the child non-quota status if under twenty-one years of age if the mother is a citizen, or preferential status in the third preference category if she is an alien. Several mothers have been united with their children since the enactment of this law. The law also grants nonquota status to legally adopted children under fourteen years of age if the child has been in the legal custody of the parents for two years. This law affected several of our recently arrived families from Italy in which cases the child had been legally adopted abroad, had been in their legal custody and the foster parents had been able to come to the United States under the Refugee Act but were not permitted to bring their adopted child with them. In one of our cases, such a child had been registered on the quota since 1950 and only the enactment of this legislation reunited the family.

This law permits to come to the United States through June 30, 1959 orphans or adopted children under fourteen years of age. In some countries, adoption is possible abroad by power of attorney, etc. We assisted in making further documents, affidavits of support, etc., in cases where Greek children had been adopted abroad and several youngsters are happy in their new homes in the United States.

Another feature of the law permits relatives, even though they had been certified to have tuberculosis, to join their parents and spouses. We had several cases where the wife had come to the United States with children but had to leave the husband behind because he had been unable to comply with the health regulations. The law permits the granting of a waiver of requirements in such cases, provided arrangements are made for the alien to enter, immediately after arrival, some approved hospital for medical treatment. In a number of these cases, after admission to the hospital and short treatment, the relative was released as not requiring further hospitalization.

Also, the Attorney General has been given discretionary powers in granting a waiver of the requirements in certain arrest records. This helped in cases where the alien abroad had been found guilty on several occasions of offenses considered having moral turpitude. One case in question was that of a wife of a returning GI. During the war she had been found guilty on several occasions of theft. Further investigation showed that the thefts had involved a pair of gloves and in another instance a pair of shoes from a roommate. This pair was reunited under the law.

This law also permits adjustment in cases of applicants who had entered the United States alleging that they were of some nationality other than that of their birth. The law provides that such persons can become naturalized if they can establish to the satisfaction of the United States Attorney General that such allegations were made because of fear of return to Russia. This affected a number of our clients who had been born in Russia and claimed Polish birth because in Germany where they were Displaced Persons they feared repatriation to the country of their birth and escape. Two such clients have already been naturalized.

Aliens classified in the first preference category, those with skills urgently needed in the United States, if their petitions were approved before July 1, 1957, were granted nonquota status. We assisted in 362 change of status cases, a good number of them in this special skilled category. In cases where the aliens had been born in such countries as China, Spain, India where there was a wait in the quota, the situation is eased now by permission to adjust their status without going to Canada under "preexamination privileges".

This law also permits some 18,656 refugees to come from countries due to fear of persecution on account of political or religious belief and who have fled from Communist controlled countries. We are continuing in making affidavits of support and cooperating with agencies concerned.

Most notable of all in the law was the removal of mortgages on quotas which were established because of the Displaced Persons Act of 1948 and 1950. The removal of such mortgages made the quotas from such countries as Poland, Latvia, Lithuania, Czechoslovakia and Russia larger so that it was noted that preferential category quota relatives no longer had to wait long periods for their turns in the quota. In fact, for the first time in many years, the Czechoslovak and Russian quotas in the nonpreference category are currently available.

CITIZENSHIP RULINGS

In the laws of citizenship, an important decision was rendered by the Supreme Court which affected American born persons who had military service in foreign countries. Many American born citizens living abroad since childhood had been compelled to serve the countries of their residence. Formerly they were ruled to have lost their citizenship by such military service unless a protest was filed at the time of their induction and was on record. Several of our applicants had the cases of their relatives reviewed and we have noted the arrival into the United States as citizens of two such persons. The law of Derivative Citizenship has also been amended so that under certain conditions a child who was formerly required to come to the United States before the age of sixteen in order to derive United States citizenship can now come to the United States as late as his twenty-third birthday.

NEWEST IMMIGRATION LEGISLATION

Newest legislation effective after July 1, 1958 permitting adjustment of status for Hungarians in the United States from Parolée to permanent residents after completion of two years residence, and the change in the law allowing persons to have their arrival registered in the United States by proving residence only since 1940 instead of 1924, will create more work.

CITIZENSHIP

Citizenship applicants were fewer than last year. 5,548 persons were naturalized in this State in the past year. We circularized a letter of offer of assistance to about 1000 applicants who had previously applied for naturalization and either had failed in examinations or had postponed further action. The response was about 25% requesting such assistance. Many had moved and left no forwarding address. Our offices filled 2,548 applications for naturalization. We completed 674 applications to obtain Certificates of Citizenship for persons who had derived citizenship either through their parents or through marriage. We gave to each applicant for citizenship our booklet to help him prepare for naturalization examination. Most of the persons applying for naturalization are comparatively of newcomer category, that is, those who came to the United States since about 1948. Those whom we find need assistance in being able to comply with the requirements are referred to schools where classes in citizenship are held.

This being election year, many persons who derive citizenship and who have moved from one city to another faced new registration and it is usually necessary in such cases for the persons to apply for certificates of citizenship in order to register to vote.

Although "first papers" are no longer required, our offices filled 288 such applications last year because applicants needed this Declaration of Intention either to go into the Army, to join unions, to become Registered Nurses or to take the Medical Board examinations.

COOPERATION WITH OTHER AGENCIES

The Division cooperates with social agencies, public and private. We have referrals from the Division of Public Welfare, Registrar of Voters and Social Security offices, as well as other State offices to give special technical information on citizenship and immigration problems. We have many contacts with the various sponsoring agencies working with refugees and our relations have been most cooperative and mutually helpful. Close contact and constant cooperative relationship with the Adult Civic Education Groups of the Commonwealth are maintained and, as a member of the Committee for the Foreign Born of the United Community Services, we participate in meetings and problems of the Foreign Born. Relations with the Federal Immigration and Naturalization Service continue with cooperation and assistance.

The increasing numbers of calls for our services in our offices without publicity or advertising of our work point out how successful have been the efforts of the Division of Immigration and Americanization in fulfilling its duties as designated in the law establishing this Division, which are as follows:

"The Division of Immigration and Americanization shall employ such methods, consistent with law, as in its judgment will tend to bring into sympathetic and mutually helpful relations the Commonwealth and its residents of foreign origin, protect immigrants from exploitation and abuse, stimulate their acquisition and mastery of English, develop their understanding of American government, institutions and ideals and generally promote their assimilation and naturalization."

FALL FIVE OFFICE

At the closing of the fiscal year on June 30, 1958, our records show that a total of 3,911 persons requested advice and assistance in problems dealing with citizenship, immigration and other services.

Clients from thirty-five different localities called at this office for some type of service and constituted a nationality makeup of forty-three different nationalities. An increase of 364 services were rendered over the previous fiscal year which shows that citizenship and immigration problems are on the increase in this District due to the closing of the United States Immigration and Naturalization Service office in New Bedford, Massachusetts.

Citizenship information and Immigration information again led the field. A total of 300 petitions for naturalization were completed with 72 applications for certificates of citizenship. A total of 214 immigration applications were completed and forwarded to the Immigration and Naturalization Service at Boston, Massachusetts for adjudication. A total of 151 Affidavits of Support were completed as required by the American Consuls abroad in the issuing of immigration visas to clients.

Change of status in this locality amounted to a total of 18, in these cases a good deal of work is required.

As usual, Fall River leads the list in clients with New Bedford running a close second. It must be noted that this agent visits New Bedford only one day a week and a heavy workload is anticipated and handled each and every week. It must be further noted that 1,225 services were rendered to clients in New Bedford and this excludes the greater New Bedford area which would bring the total to a greater amount.

This office has worked in close alliance with the Family Service Units in Fall River and New Bedford; Public Welfare Departments and Adult Education Classes in both cities.

On June 12, 1958, this Agent was a speaker at the closing exercises of the Adult Education Classes, bringing greetings from the Division of Immigration and Americanization.

On March 26, 1958, he was speaker before the Education Committee of the First Unitarian Church at New Bedford, Massachusetts.

For the past fiscal year, the Fall River Office can look with pride in its program of sympathetic and mutually helpful assistance to the Commonwealth and its residents of foreign origin in this area.

LAWRENCE OFFICE

The Lawrence Office statistics for this fiscal year reached the figure of 3,254 services, an increase over the 1957 fiscal year of 309, and 465 over 1956. Efforts were made by the agent in the direction of public relations, and for an increase in services in this area. In each and every instance, the contact brought an increased interest in the Division. This

agent took over the work of this office on February 1, 1958 on the retirement of the former agent.

The attendance of the agent at the Superior Court, Lawrence, naturalization sessions March 7 and June 12, marked the initial contact. The agent was also invited as Principal Speaker at the graduation exercises of evening school attendants, at the Lawrence High School, April 2nd. This included the Adult Alien groups attending evening classes. On April 10th she attended the Massachusetts Conference on Social Work in Bedford. A visit to Lowell to render immigration and citizenship service to those residents was made by the agent on May 21st. Attendance of the Dinner-Meeting at the International Institute on May 28th, as Board Member, was made by the agent. June 3rd marked the luncheon of the Greater Lawrence Social Agencies held at Merrimack College, North Andover.

The personal appearance of the agent at the naturalization session afforded an opportunity to meet with the court personnel and the patriotic groups such as the D.A.R. and the American Legion representatives meeting the new citizens, as well as the Judge, and the persons whom the Division assisted.

The appointment of the agent as Board Member of the local International Institute meant working in closer cooperation with the Executive Director and the immigration problems of the organization were referred here. Hungarians in particular sought information as to how to get their relatives here from abroad. In some instances, they sought information as to how to enter the Army. Their "parole status" limited their benefits and opportunities. No doubt the new legislation, Public Law 85-559 of July 25, 1958 will help this group to adjust their parole status, so that they may share in the benefits of other resident aliens.

Attending the luncheon of Greater Lawrence Social Agencies at Merrimack College and the Massachusetts Conference of Social Work at Bedford, was helpful as the agent participated with other agencies; local and out-of-town, in a community effort in handling problems of the public. Meeting department and organization heads also resulted in some referrals to this Division.

Thirteen change of status cases have been initiated since the agent's arrival here, February 1st. Of the thirteen, five have been completed and eight are pending. A great deal of telephone calls for United States passport information and international travel vaccination requirements prompted the agent to restore the United States application service which had somehow fallen into decline. Forms for United States passports were obtained and other pertinent booklets and data for information. The passport agency of Boston has been most cooperative.

This Service, however small, is rewarding in that it promotes good public relations by word of mouth. Many travel agents and lawyers call on the Division for information and make referrals wherever possible.

Naturalization is not an over-active service. Greater Lawrence, (includes Andover, North Andover, Methuen), has about 3000 aliens; naturalization at the Superior Court, Lawrence reaches the figure of about 200 per year, having four sessions a year. This includes persons from Greater Lawrence, Haverhill and a few other small towns of Essex County. Salem, of course, has its naturalization sessions also. Our office completed 108 applications for naturalization last year.

The Division enjoys the closest relations and cooperation with the nearby educational and religious institutions of all denominations and hospitals, as well as patriotic organizations, such as the D.A.R. and the American Legion, the Police Departments, libraries, church and civic groups. The work of the Division is well known and those who had assistance come back again.

SPRINGFIELD OFFICE

During the past fiscal year 3,940 persons were recorded as having received services at the Springfield Office.

Of this number, 82% were personally handled by the District Agent. During the last six months of the year the District Agent was called upon to perform all of the duties necessary to maintain the office. This was due to the resignation of the Clerk-Stenographer and the difficulty in trying to obtain a replacement.

The statistics show that people came to us from 49 communities in the four Western Counties of Massachusetts. We had contact with 47 former residents of the State residing in other parts of the country.

More than 40 nationalities were recorded during the past year. Native born citizens headed the list with citizens of Canada, Italy, Poland, Great Britain, Germany, Ireland and Greece making up the list of major nationalities.

Letters of Welcome were sent to 295 immigrants who entered the United States during the year destined to this area.

Although applications to become citizens were fewer this year, we devoted a great deal of time rendering decisions on the citizenship status of individuals. Many of these requests came to us from the Recruiting Office of the various branches of our Armed Forces; from industries, in connection with security checks of their employees.

With frequent assignment of Air Force Personnel of S.A.C. at Westover Air Force Base, we handled many cases of prompt naturalization of the wives of these men who wished to accompany their husbands overseas.

Once again Immigration topped the list of services given to applicants who wished to sponsor relatives coming to the United States to live, to visit and others to adjust their status.

Because of the recession, we had many residents, citizens of Canada and Ireland, who came to us for advice about adjusting their problems created by unemployment. Most of them sought information about returning to their homeland and to remain until the employment conditions were improved. All of them stated that they did not wish to become a burden to relatives, their sponsors or the communities where they lived.

Again this past year we handled a case of a gentleman from Czechoslovakia, assisting him to adjust his status to that of a permanent resident under preexamination. He is one of those who escaped from Germany in a home-made tank. He was sent to the United States as a visitor with the aid of the "Crusade for Freedom".

Near the close of the year, the Chairman, Members of the Board and the Supervisor of the Division made a visit to the Springfield Office to check the quarters we now occupy and to look over the proposed sight of the "Little State House" at Springfield, which is to house all State Offices.

WORCESTER OFFICE

The fiscal year 1958 closed with the Worcester Office recording 5,383 services to clients. This is an increase of 1,297 services over the previous year's total of 4,086. This is the first year of work for this agent in this office.

During the year, this office assisted individuals representing over 47 nationalities residing in 63 communities throughout the Commonwealth.

Answering inquiries pertaining to immigration headed the list of services rendered, while information regarding citizenship was the second most frequent service given. It is interesting to note that the boom in tourist travel in 1957-58 was reflected in this office by a marked increase in requests for travel information.

Of the nationalities served, Italy was the country most frequently represented, followed by Canadian born individuals. Native born Americans and persons born in Poland came to us in about equal numbers. Ireland, Germany, Great Britain, Lithuania and Syria and Lebanon were also well represented.

In reference to the localities served, 78% of our clients during the year were residents of Worcester.

During the last three months of the fiscal year, this office experimented in publicizing the benefits to be derived from naturalization via

the local newspaper, the radio and through individually written letters. Our efforts were rewarded by an awakened interest in citizenship on the part of many aliens in this area.

We have continued to maintain good relations with the various local, state and federal agencies, as well as with the several voluntary agencies, institutions and schools in this area.

Beside supplying information, filling forms, conducting correspondence, interpreting and making translations in matters pertaining to immigration, citizenship and travel, this office performed a variety of other functions during the year ending June 30, 1958.

Approximately 275 letters of welcome were sent to newly arrived immigrants in this area.

We contacted all the supervisors and teachers in citizenship and Adult Education in Worcester and in the surrounding towns, offering our assistance in all matters pertaining to immigration and naturalization.

Many newly arrived immigrants were assisted by this office in finding employment by referrals to appropriate sources.

During the year, this Agent attended Community Chest meetings, talked on immigration before a church group in Millbury, Massachusetts and gave a talk to the citizenship class in Gilbertville, Massachusetts.

We have counselled many new arrivals to this country regarding educational opportunities, employment possibilities, recreational facilities and have discussed their personal problems with them, thus affording them an opportunity to adjust more rapidly to their new environment and to the American way of living.

Statistical Detail
Services Given

For the Fiscal Year 7/1/57 - 6/30/58

All Offices

| | BOSTON | FALL RIVER | LAWRENCE | SPRINGFIELD | WORCESTER | TOTAL |
|------------------------------|--------|------------|----------|-------------|-----------|--------|
| I. INFORMATION | 8,824 | 1,922 | 1,495 | 2,424 | 3,234 | 17,899 |
| 1. Booklets, forms, blanks | 1,448 | 279 | 172 | 581 | 261 | 2,741 |
| 2. Citizenship | 755 | 850 | 443 | 680 | 942 | 3,670 |
| 3. Immigration | 6,146 | 560 | 714 | 830 | 1,564 | 9,814 |
| 4. Travel | 79 | 72 | 97 | 278 | 345 | 871 |
| 5. Other | 396 | 161 | 69 | 55 | 122 | 803 |
| II. FORMS FILLED | 5,472 | 796 | 734 | 512 | 785 | 8,299 |
| 6. N-105 | 37 | 9 | 9 | 2 | 3 | 60 |
| 7. N-300 | 163 | 9 | 5 | 11 | 40 | 288 |
| 8. N-400 | 1,736 | 300 | 108 | 166 | 238 | 2,548 |
| 9. N-600 | 472 | 72 | 34 | 48 | 48 | 674 |
| 10. Other Natur. Forms | 253 | 27 | 31 | 31 | 48 | 390 |
| 11. I-131 | 117 | 1 | 4 | 12 | 22 | 156 |
| 12. I-133 | 654 | 75 | 41 | 34 | 57 | 861 |
| 13. Other Immig. Forms | 918 | 139 | 104 | 40 | 90 | 1,291 |
| 14. AR-11 | 289 | 22 | 64 | 70 | 40 | 485 |
| 15. I-90 | 304 | 43 | 26 | 27 | 44 | 444 |
| 16. AR-53 or 54 | 529 | 99 | 308 | 71 | 155 | 1,162 |
| III. EXECUTION OF AFFIDAVITS | 2,976 | 475 | 327 | 364 | 567 | 4,709 |
| 17. Affidavit of Support | 2,480 | 151 | 142 | 125 | 284 | 3,182 |
| 18. Affidavit of Facts | 8 | 19 | 28 | 13 | 19 | 87 |
| 19. Other Notarial | 488 | 305 | 157 | 226 | 264 | 1,440 |
| IV. OTHER SERVICES | 7,362 | 534 | 592 | 173 | 608 | 9,269 |
| 20. Change of Status | 294 | 18 | 20 | 14 | 16 | 362 |
| 21. Appearance at Hearings | 208 | 4 | 1 | - | 1 | 214 |
| 22. Interpretation & Trans. | 786 | 5 | 83 | - | 126 | 1,000 |
| 23. Letters | 6,044 | 467 | 379 | 159 | 443 | 7,492 |
| 24. Other | 30 | 40 | 109 | - | 22 | 201 |
| V. INTERVIEW | 1,525 | 184 | 106 | 467 | 189 | 2,471 |
| 25. Newcomer Interview | 1,525 | 184 | 106 | 467 | 189 | 2,471 |
| | 26,159 | 3,911 | 3,254 | 3,940 | 5,383 | 42,647 |

Nationality and Ethnic Statistics

| | BOSTON | FALL
RIVER | LAWRENCE | SPRING-
FIELD | WORCESTER | T O T A L |
|--------------------------|--------|---------------|----------|------------------|-----------|-----------|
| 1. Albania | 62 | - | 9 | - | 73 | 144 |
| 2. Africa | 37 | 14 | - | 3 | 7 | 61 |
| 3. Armenia (R. or T.) | 60 | - | 41 | 9 | 194 | 304 |
| 4. Australia | 69 | 2 | 15 | 7 | 13 | 106 |
| 5. Austria | 159 | 25 | 9 | 21 | 14 | 228 |
| 6. Belgium | 90 | 2 | 23 | 16 | 6 | 137 |
| 7. Bulgaria | 33 | - | - | - | - | 33 |
| 8. Canada | 2,511 | 253 | 508 | 515 | 642 | 4,429 |
| 9. Central America | 161 | 51 | 4 | 4 | 17 | 237 |
| 10. China | 692 | 84 | 8 | 10 | 43 | 837 |
| 11. Czechoslovakia | 85 | 2 | 8 | 51 | 14 | 160 |
| 12. Denmark | 81 | 1 | 2 | 5 | 14 | 103 |
| 13. Egypt | 69 | 7 | - | - | - | 76 |
| 14. Estonia | 25 | - | 11 | - | 2 | 38 |
| 15. Finland | 41 | 3 | - | 2 | 73 | 119 |
| 16. France | 362 | 27 | 67 | 45 | 108 | 609 |
| 17. Germany | 952 | 91 | 170 | 320 | 286 | 1,819 |
| 18. Great Britain | 930 | 128 | 223 | 326 | 248 | 1,855 |
| 19. Greece | 1,321 | 50 | 106 | 149 | 184 | 1,810 |
| 20. Hungary | 405 | 1 | 51 | 14 | 27 | 498 |
| 21. Iceland | 2 | 4 | - | - | - | 6 |
| 22. India | 130 | - | 2 | - | 19 | 151 |
| 23. Indonesia | 6 | - | - | - | - | 6 |
| 24. Iran | 42 | - | - | - | 10 | 52 |
| 25. Iraq | 62 | 6 | - | - | - | 68 |
| 26. Ireland | 2,014 | 18 | 71 | 302 | 291 | 2,696 |
| 27. Israel | 76 | 21 | - | - | 9 | 106 |
| 28. Italy | 6,142 | 136 | 628 | 503 | 1,077 | 8,486 |
| 29. Japan | 128 | 7 | 6 | 44 | 26 | 211 |
| 30. Jordan | 22 | - | - | - | - | 22 |
| 31. Korea | 79 | 2 | 1 | - | 3 | 85 |
| 32. Latvia | 209 | 7 | 4 | 30 | 22 | 272 |
| 33. Lithuania | 479 | 1 | 84 | 7 | 237 | 808 |
| 34. Mexico | 30 | - | 1 | 1 | 2 | 34 |
| 35. Netherlands | 93 | 2 | 2 | 67 | 22 | 186 |
| 36. New Zealand | 10 | 15 | 5 | - | - | 30 |
| 37. Norway | 142 | 122 | 3 | 5 | 3 | 275 |
| 38. Pakistan | 2 | - | - | - | - | 2 |
| 39. Palestine | 14 | 1 | 4 | 4 | 7 | 30 |
| 40. Philippines | 120 | 43 | 3 | - | 17 | 183 |
| 41. Poland | 1,322 | 127 | 285 | 437 | 506 | 2,677 |
| 42. Portugal | 580 | 1,866 | 36 | 62 | 19 | 2,563 |
| 43. Rumania | 73 | 3 | 14 | 2 | 4 | 96 |
| 44. South America | 287 | 36 | 18 | 25 | 65 | 431 |
| 45. Spain | 50 | 3 | - | 4 | 13 | 70 |
| 46. Sweden | 106 | 1 | - | 23 | 118 | 248 |
| 47. Switzerland | 73 | 9 | - | 4 | 26 | 112 |
| 48. Syria & Lebanon | 217 | 53 | 271 | 79 | 209 | 829 |
| 49. Turkey (Not Armenia) | 381 | 3 | 42 | 9 | 17 | 452 |
| 50. Trieste | 4 | - | - | - | - | 4 |
| 51. Ukraine | 116 | 15 | 4 | 7 | 3 | 145 |
| 52. U.S.S.R. | 583 | 104 | 42 | 71 | 115 | 915 |
| 53. United States | 3,438 | 560 | 453 | 605 | 509 | 5,565 |
| 54. West Indies | 628 | 5 | - | 98 | 20 | 751 |
| 55. Yugoslavia | 186 | - | - | 14 | 13 | 213 |
| 56. Other Countries | 168 | - | 20 | 40 | 36 | 264 |
| | 26,159 | 3,911 | 3,254 | 3,940 | 5,383 | 42,647 |

LOCALITIESFiscal Year 7/1/57 - 6/30/58All Offices

| | Boston | Fall
River | Lawrence | Spring-
field | Worcester | T O T A L |
|-------------|--------|---------------|----------|------------------|-----------|-----------|
| Abington | 15 | - | - | - | - | 15 |
| Acton | 11 | - | - | - | - | 11 |
| Acushnet | - | 31 | - | - | - | 31 |
| Adams | 1 | - | - | 3 | - | 4 |
| Agawam | - | - | - | 75 | - | 75 |
| Amesbury | 6 | - | 13 | - | - | 19 |
| Amherst | 16 | - | 2 | 26 | 1 | 45 |
| Andover | 8 | - | 198 | - | - | 206 |
| Arlington | 367 | - | - | - | - | 367 |
| Ashby | 2 | - | - | - | - | 2 |
| Ashland | 3 | - | - | - | - | 3 |
| Athol | 6 | - | - | - | 7 | 13 |
| Attleboro | 16 | 17 | - | - | 1 | 34 |
| Auburn | 2 | - | - | - | 42 | 44 |
| Avon | 9 | - | - | - | - | 9 |
| Ayer | 164 | - | 12 | - | 2 | 178 |
| Barnstable | 19 | 12 | 3 | - | - | 34 |
| Barre | 1 | - | - | - | 14 | 15 |
| Bedford | 62 | - | - | 5 | - | 67 |
| Belchertown | 1 | - | - | - | - | 1 |
| Bellingham | 15 | - | - | - | - | 15 |
| Belmont | 235 | - | - | - | - | 235 |
| Berlin | - | - | - | - | 1 | 1 |
| Beverly | 80 | - | 2 | - | - | 82 |
| Billerica | 35 | - | 13 | - | - | 48 |
| Blackstone | - | - | - | - | 1 | 1 |
| Bolton | 3 | - | - | - | 1 | 4 |
| Boston | 11,177 | 10 | 44 | 3 | 6 | 11,240 |
| Bourne | 4 | 22 | - | - | - | 26 |
| Boxford | - | - | 3 | - | - | 3 |
| Boylston | - | - | - | - | 10 | 10 |
| Braintree | 88 | - | - | - | - | 88 |
| Bridgewater | 22 | - | - | - | 2 | 24 |
| Brimfield | - | - | - | 1 | - | 1 |
| Brockton | 210 | - | 4 | - | - | 214 |
| Brookfield | - | - | - | - | 4 | 4 |
| Brookline | 857 | - | - | - | - | 857 |
| Burlington | 35 | - | 2 | - | - | 37 |
| Cambridge | 1,870 | 12 | - | - | 1 | 1,883 |
| Canton | 90 | - | - | - | - | 90 |
| Charlton | 1 | - | - | - | 9 | 10 |
| Chatham | 6 | - | - | 3 | - | 9 |
| Chelmsford | 10 | - | 6 | - | - | 16 |
| Chelsea | 275 | - | 22 | - | - | 297 |
| Cheshire | 1 | - | - | - | - | 1 |
| Chicopee | 5 | - | - | 459 | - | 464 |
| Clinton | 11 | - | - | - | 67 | 78 |
| Cohasset | 9 | - | - | - | - | 9 |
| Concord | 32 | - | - | - | - | 32 |
| Conway | - | - | - | 2 | - | 2 |

| | Boston | Fall
River | Lawrence | Spring-
field | Worcester | T o t a l |
|------------------|--------|---------------|----------|------------------|-----------|-----------|
| Danvers | 25 | - | 33 | - | - | 58 |
| Dartmouth | 2 | 95 | - | - | - | 97 |
| Dedham | 106 | - | - | - | - | 106 |
| Deerfield | - | - | - | 1 | - | 1 |
| Dighton | 1 | 14 | - | - | - | 15 |
| Douglas | - | - | - | - | 7 | 7 |
| Dover | 16 | - | 2 | - | - | 18 |
| Dracut | 5 | - | 20 | - | - | 25 |
| Dudley | 1 | - | - | - | 11 | 12 |
| Duxbury | 2 | - | - | - | - | 2 |
| East Longmeadow | - | - | - | 40 | - | 40 |
| Easthampton | - | - | - | 24 | - | 24 |
| Easton | 11 | - | - | - | - | 11 |
| Essex | 8 | - | - | - | - | 8 |
| Everett | 382 | - | - | - | - | 382 |
| Fairhaven | 7 | 114 | - | - | - | 121 |
| Fall River | 20 | 1,923 | - | - | - | 1,943 |
| Falmouth | 33 | 30 | - | 1 | - | 64 |
| Fitchburg | 29 | - | - | - | 34 | 63 |
| Foxborough | 8 | - | - | - | 8 | 16 |
| Framingham | 138 | - | 2 | - | - | 140 |
| Franklin | 50 | 6 | - | - | - | 56 |
| Freetown | - | 1 | - | - | - | 1 |
| Gardner | 35 | - | - | - | 38 | 73 |
| Georgetown | 2 | - | 3 | - | - | 5 |
| Gloucester | 101 | - | 1 | - | - | 102 |
| Goshen | - | - | - | 3 | - | 3 |
| Gosnold | 1 | - | - | - | - | 1 |
| Grafton | 4 | - | - | - | 39 | 43 |
| Granby | - | - | - | 5 | - | 5 |
| Great Barrington | 2 | - | - | 2 | - | 4 |
| Greenfield | - | - | - | 6 | - | 6 |
| Groton | 10 | - | - | - | - | 10 |
| Groveland | - | - | 9 | - | - | 9 |
| Hadley | - | - | - | 7 | - | 7 |
| Halifax | 6 | - | - | - | - | 6 |
| Hamilton | 12 | - | - | - | - | 12 |
| Hampden | - | - | - | 1 | - | 1 |
| Hanover | 4 | - | - | - | - | 4 |
| Hanson | 13 | - | - | - | - | 13 |
| Hardwick | - | - | - | - | 11 | 11 |
| Harvard | 12 | - | - | - | - | 12 |
| Harwich | 2 | - | - | - | - | 2 |
| Hatfield | - | - | - | 4 | - | 4 |
| Haverhill | 37 | - | 348 | - | - | 385 |
| Hingham | 26 | - | - | - | - | 26 |
| Holbrook | 14 | - | - | - | - | 14 |
| Holden | 2 | - | - | - | 78 | 80 |
| Holland | 1 | - | - | - | - | 1 |
| Holliston | 14 | - | - | - | - | 14 |
| Holyoke | 7 | - | - | 259 | - | 266 |
| Hopedale | 1 | - | - | - | 5 | 6 |
| Hopkinton | 2 | - | - | - | - | 2 |

| | Boston | Fall
River | Lawrence | Spring-
field | Worcester | T O T A L |
|--------------|--------|---------------|----------|------------------|-----------|-----------|
| Hubbardston | - | - | - | - | 3 | 3 |
| Hudson | 64 | - | - | - | 5 | 69 |
| Hull | 35 | - | - | - | - | 35 |
| Ipswich | 37 | - | 5 | - | - | 42 |
| Kingston | 5 | - | - | - | - | 5 |
| Lakeville | 18 | 4 | - | - | - | 22 |
| Lancaster | 20 | - | - | - | 17 | 37 |
| Lawrence | 50 | - | 1,373 | - | - | 1,423 |
| Lee | - | - | - | 6 | - | 6 |
| Leicester | 2 | - | - | - | 58 | 60 |
| Lenox | 3 | - | - | 1 | 1 | 5 |
| Leominster | 37 | - | - | - | 11 | 48 |
| Lexington | 105 | - | - | - | - | 105 |
| Lincoln | 16 | - | - | - | - | 16 |
| Littleton | 14 | - | - | - | - | 14 |
| Longmeadow | 1 | - | - | 46 | - | 47 |
| Lowell | 141 | - | 255 | - | - | 396 |
| Ludlow | 4 | 2 | - | 137 | - | 143 |
| Lunenburg | 2 | - | - | - | - | 2 |
| Lynn | 429 | - | 10 | - | - | 429 |
| Lynnfield | 13 | - | - | - | - | 13 |
| Malden | 377 | - | - | - | - | 377 |
| Manchester | 7 | - | - | - | - | 7 |
| Mansfield | 19 | 2 | - | - | - | 21 |
| Marblehead | 20 | - | 6 | - | - | 26 |
| Marion | 6 | - | - | - | - | 6 |
| Marlboro | 32 | - | - | - | 15 | 47 |
| Marshfield | 44 | - | - | - | - | 44 |
| Mattapoisett | - | 1 | - | - | - | 1 |
| Maynard | 30 | - | - | - | - | 30 |
| Medfield | 20 | - | - | - | - | 20 |
| Medford | 550 | - | 1 | - | - | 551 |
| Medway | 20 | - | - | - | - | 20 |
| Melrose | 91 | - | - | - | - | 91 |
| Merrimac | 1 | - | 2 | - | - | 3 |
| Methuen | 11 | - | 585 | - | - | 596 |
| Middleboro | 21 | - | - | - | - | 21 |
| Middleton | 1 | - | 9 | - | - | 10 |
| Milford | 58 | 2 | - | - | 38 | 98 |
| Millbury | 5 | - | - | - | 45 | 50 |
| Millis | 2 | - | - | - | - | 2 |
| Millville | 1 | - | - | - | - | 1 |
| Milton | 90 | - | - | - | - | 90 |
| Monson | - | - | - | 7 | - | 7 |
| Montague | 2 | - | - | 5 | 1 | 8 |
| Nahant | 15 | - | - | - | - | 15 |
| Nantucket | 5 | - | - | - | - | 5 |
| Natick | 133 | - | - | - | - | 133 |
| Needham | 94 | - | - | - | - | 94 |
| New Ashford | 3 | - | - | - | - | 3 |
| New Bedford | 47 | 1,225 | - | - | - | 1,272 |
| New Marlboro | 1 | - | - | - | - | 1 |
| Newbury | 6 | - | 2 | - | - | 8 |

| | Boston | Fall
River | Lawrence | Spring-
field | Worcester | T O T A L |
|------------------|--------|---------------|----------|------------------|-----------|-----------|
| Newburyport | 26 | - | 16 | - | - | 42 |
| Newton | 725 | - | - | - | - | 725 |
| Norfolk | 5 | - | - | - | - | 5 |
| North Adams | 8 | - | - | 9 | - | 17 |
| North Andover | 7 | - | 163 | - | - | 170 |
| North Attleboro | 3 | 2 | - | - | - | 5 |
| North Brookfield | - | - | - | - | 4 | 4 |
| North Reading | 25 | - | - | - | - | 25 |
| Northampton | 26 | - | - | 54 | - | 80 |
| Northboro | 10 | - | - | - | 6 | 16 |
| Northbridge | 2 | - | - | - | 58 | 60 |
| Northfield | 1 | - | - | - | - | 1 |
| Norton | - | 6 | - | - | - | 6 |
| Norwell | 2 | - | - | - | - | 2 |
| Norwood | 108 | - | - | - | - | 108 |
| Oak Bluffs | 3 | - | - | - | - | 3 |
| Orange | 2 | - | - | 1 | - | 3 |
| Orleans | 4 | - | - | - | - | 4 |
| Oxford | 1 | - | - | - | 17 | 18 |
| Palmer | 4 | - | - | 29 | - | 33 |
| Paxton | 2 | - | - | - | 8 | 10 |
| Peabody | 191 | - | 1 | - | - | 192 |
| Pembroke | 2 | - | - | - | - | 2 |
| Pepperell | 5 | - | - | - | - | 5 |
| Petersham | 1 | - | - | - | 2 | 3 |
| Pittsfield | 37 | - | - | 29 | 1 | 67 |
| Plainville | 2 | - | - | - | - | 2 |
| Plymouth | 55 | - | - | - | - | 55 |
| Princeton | - | - | - | - | 2 | 2 |
| Provincetown | 10 | 3 | - | - | - | 13 |
| Quincy | 544 | 2 | - | - | - | 546 |
| Randolph | 62 | - | - | - | - | 62 |
| Raynham | - | 5 | - | - | - | 5 |
| Reading | 33 | - | 11 | - | - | 44 |
| Rehoboth | 1 | 5 | - | - | - | 6 |
| Revere | 265 | - | 3 | 1 | - | 269 |
| Rochester | 1 | 1 | - | - | - | 2 |
| Rockland | 46 | - | - | - | - | 46 |
| Rockport | 8 | - | - | - | - | 8 |
| Rowley | 4 | - | - | - | - | 4 |
| Royalston | 2 | - | - | - | 2 | 4 |
| Rutland | - | - | - | - | 16 | 16 |
| Salem | 85 | - | 3 | - | - | 88 |
| Salisbury | - | - | 12 | - | - | 12 |
| Sandwich | 5 | - | - | - | - | 5 |
| Saugus | 66 | - | - | - | - | 66 |
| Scituate | 44 | - | - | - | - | 44 |
| Seekonk | 2 | 18 | - | - | - | 20 |
| Sharon | 48 | - | - | - | - | 48 |
| Shelburne | - | - | - | 1 | 1 | 2 |
| Sherborn | 8 | - | - | - | - | 8 |
| Shirley | 21 | - | - | - | - | 21 |

| | Boston | Fall
River | Lawrence | Spring-
field | Worcester | T O T A L |
|------------------|--------|---------------|----------|------------------|-----------|-----------|
| Shrewsbury | 7 | - | - | - | 161 | 168 |
| Somerset | 2 | 85 | - | - | - | 87 |
| Somerville | 1,426 | - | - | - | - | 1,426 |
| South Hadley | - | - | - | 38 | - | 38 |
| Southampton | - | - | - | 1 | - | 1 |
| Southboro | 6 | - | - | - | 9 | 15 |
| Southbridge | 26 | - | - | 2 | 73 | 101 |
| Southwick | - | - | - | 19 | - | 19 |
| Spencer | 1 | - | - | - | 15 | 16 |
| Springfield | 48 | - | - | 2,363 | - | 2,411 |
| Sterling | - | - | - | - | 3 | 3 |
| Stockbridge | 1 | - | - | - | - | 1 |
| Stoneham | 18 | - | - | - | - | 18 |
| Stoughton | 37 | - | - | - | - | 37 |
| Stow | 3 | - | - | - | - | 3 |
| Sudbury | 15 | - | - | - | - | 15 |
| Sutton | - | - | - | - | 24 | 24 |
| Swampscott | 30 | - | - | - | - | 30 |
| Swansea | - | 76 | - | - | - | 76 |
| Taunton | 34 | 110 | - | - | - | 144 |
| Templeton | 3 | - | - | - | 1 | 4 |
| Tewksbury | 10 | - | 15 | - | - | 25 |
| Tisbury | - | 3 | - | - | - | 3 |
| Topsfield | 1 | - | - | - | - | 1 |
| Townsend | 1 | - | - | - | - | 1 |
| Tyngsboro | 3 | - | - | - | - | 3 |
| Upton | - | - | - | - | 7 | 7 |
| Uxbridge | 2 | - | - | 1 | 26 | 29 |
| Wakefield | 58 | - | - | - | - | 58 |
| Walpole | 64 | - | - | - | - | 64 |
| Waltham | 422 | - | - | 1 | - | 423 |
| Ware | 1 | - | - | 7 | 3 | 11 |
| Wareham | 6 | 17 | - | - | - | 23 |
| Warren | - | - | - | 4 | 6 | 10 |
| Watertown | 585 | - | - | - | - | 585 |
| Wayland | 17 | - | - | - | - | 17 |
| Webster | 8 | - | - | - | 41 | 49 |
| Wellesley | 105 | - | - | - | - | 105 |
| Wellfleet | 1 | 3 | - | - | - | 4 |
| Wenham | 3 | - | - | - | - | 3 |
| West Boylston | 2 | - | - | - | 53 | 55 |
| West Bridgewater | 2 | - | - | - | - | 2 |
| West Newbury | - | - | 5 | - | - | 5 |
| West Springfield | - | - | - | 104 | - | 104 |
| Westboro | 9 | - | - | - | 19 | 28 |
| Westfield | 2 | - | - | 67 | - | 69 |
| Westford | 10 | - | - | - | - | 10 |
| Westminster | 1 | - | - | - | - | 1 |
| Weston | 30 | - | - | - | 1 | 31 |
| Westport | - | 48 | - | - | - | 48 |
| Westwood | 26 | - | - | - | - | 26 |
| Weymouth | 109 | - | - | - | - | 109 |

| | Boston | Fall
River | Lawrence | Spring-
field | Worcester | T O T A L |
|--------------|--------|---------------|----------|------------------|-----------|-----------|
| Whitman | 24 | - | - | - | - | 24 |
| Wilbraham | 3 | - | - | 20 | - | 23 |
| Williamstown | 8 | - | - | 6 | - | 14 |
| Wilmington | 12 | - | - | - | - | 12 |
| Winchendon | - | - | - | 2 | 2 | 4 |
| Winchester | 52 | - | - | - | - | 52 |
| Winthrop | 89 | - | - | - | - | 89 |
| Woborn | 110 | - | - | - | - | 110 |
| Worcester | 163 | 4 | 1 | 1 | 4,218 | 4,387 |
| Worthington | - | - | - | 1 | - | 1 |
| Wrentham | 5 | - | - | - | - | 5 |
| Yarmouth | 1 | - | - | - | - | 1 |
| Out of State | 415 | - | 34 | 47 | 10 | 506 |
| T O T A L | 26,159 | 3,911 | 3,254 | 3,940 | 5,383 | 42,647 |

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RESEARCH & STATISTICS

SUMMARY

The year ending June 30, 1958 brought to the Division of the Blind a consolidation of gains already achieved together with a continued growth principally in the areas of plant and office facilities and in strengthening the Division staff. The effect of these changes will provide the Division with the opportunity to expand and develop services to the extent that more individual services will become available to the blind of the Commonwealth.

After having been located at 90 Tremont Street, Boston for a period of five years, the general offices of the Division were moved to a new site at 14 Court Square, Boston in December of 1957. The present office facilities constitute a substantial improvement over those of our former location, providing a more efficient working area for the Division staff. An added advantage is the availability of five interviewing rooms for client-worker conferences or confidential interviews.

During September of 1957, the Cambridge Industries for the Blind, the largest of the seven workshops, was transferred from its former location at 100 Inman Street, Cambridge to its present address at 385 Putnam Avenue, Cambridge.

In order that a high quality of personalized social casework services be available to clients, it was deemed expedient that a lightening of the existing worker caseload be accomplished. To that end, four social workers have been added to the Aid to the Blind program. As a result, the caseload per worker has been reduced from an average of 200 cases to 135. The experience has been that the average caseload of 100 will enable the social case worker on the Aid to the Blind program to spend more time with prospective rehabilitants and to assist in preparing the clients to accept rehabilitation services.

The Internship program for the training of students selected from Graduate Schools of Social Work completed its third year under the direction of Professor Frances L. Hurley. This project is sponsored by the United States Department of Health, Education and Welfare, Office of Vocational Rehabilitation and the Boston College and Simmons College Schools of Social Work. Training facilities are provided by the Division. During the first two years of the program, three students from each of the participating schools were trained in social casework in a rehabilitation setting. This year, the number of students was reduced to two from each of the schools of social work. The reduction was necessary due to the excessive supervisory burden on the project director created by the six student load.

The Aid to the Blind program showed no significant change. Steady, upward movements, both in total caseload and in average grants, were observed. The increase in average grant was due principally to the cost of general medical care. The Division aided 2337 persons with an Aid to the Blind grant during the year. From a total of 545 applications for financial assistance, 366 clients were granted Aid to the Blind and 171 were found to be ineligible for aid. The standard of assistance was raised approximately 8% in November 1957 to meet the increase in the cost of living during the post-Korean inflation. Since 366 individuals received Aid to the Blind for the first time and the aid to 312 individuals terminated during the

year, the net increase on June 30, 1958 was 54. The economic recession through which the country is currently passing appears to have had little effect on the Aid to the Blind program.

The process of preparing the Aid to the Blind payroll has been expedited by the introduction of a National Cash Register Bookkeeping Machine and an Addressograph. These machines were procured under the Capital Outlay Program authorized by the Legislature.

Several steps were initiated during the past fiscal period at Cambridge Industries for the Blind in an effort to improve the productive capacity in the manufacture of brooms and mops. Provision was made in the Division's budget for the establishing of the position of mechanic. This move was designed to provide for the employment of a qualified person to maintain and repair the equipment on the broom and mop production lines. Mr. John Webb of the Workshop staff was promoted to this position and was sent to Baltimore, Maryland to train in the repair and maintenance of equipment.

A new machine for cutting the butts and sizing the corn was purchased and, on June 30, was ready for installation. The introduction of the machine will permit speedier and more accurate sorting of the corn. For the purpose of increasing the production of mops, a new sewing machine was added to the production line. There are now 4 sewing machines operating in the mop shop.

Despite the substantial fall-off in general business caused by the present recession, the end of the fiscal year saw an abundance of orders on hand at our Cambridge shop. Furthermore, in attempts to increase sales, the Division has prepared for publication an attractive catalogue of products manufactured in our workshops and by our home industries.

The Register of the Blind reflects a reduction in newly blinded persons under age twenty added to the Register during the fiscal year. This was due largely to the decrease in the incidence of retrolental fibroplasia.

The school year 1958-59 will show the greatest number of blind children attending school in the last 25 years. This will be the peak year with a steady decline in the number of children in school to be anticipated. Almost one-half (333) of the 690 children attending school were enrolled in an integrated system of education in the State public schools. Approximately one-fourth (153) attended Perkins School for the Blind. Almost one-fifth or 132 children of the school age group were resident in an institution of the Mental Health Department. The majority of these children were in the Ransome Greene Unit of the Walter E. Fernald School. Slightly more than 8% or 56 were at home. These 56 children were ill, mentally retarded or had completed their schooling. The number of young people matriculating from secondary schools to institutions of higher education will, in all probability, show an increase during the coming ten years.

Clients rehabilitated or employed after having participated in the Division's Vocational Rehabilitation program during the fiscal year just ended numbered 71. This represents an increase of 13% over 1957 and 30% over 1956. In the Vending Stand-Small Business Enterprise program, the average annual net income received per operator amounted to \$2993.36.

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In the area of prevention of blindness and sight conservation, the establishing, on a continuing basis, of a Glaucoma Detection Clinic in the Town of Brookline in April of 1958 was a most significant event. The Clinic was sponsored by the Lions Club of Brookline and the Brookline Health Department with the co-operation of the Division of the Blind. The introduction of this valuable public health service was so enthusiastically received by the citizens of Brookline that plans are being made to organize similar clinics in several population centers throughout the Commonwealth, following the pattern of the Brookline project.

Three changes took place in the membership of the Division's Advisory Board during the year. Mr. Thomas L. O'Connor of Belmont found it necessary to terminate his membership on the Board. He was replaced by Mr. John F. Nagle of Springfield. The term of Mrs. Douglas Barker of Watertown expired and, after a lapse of several months, was re-appointed by Governor Furcolo. Presently, the Advisory Board has a full complement of five members.

The Special Legislative Commission studying matters relative to blindness was active during the year ending June 30. The Commission, established under the authority of Chapter 22 of the Resolves of 1955, has been renewed several times and is still at work preparing its report.^{1/}

On October 30, 1957, the Special Commission was convened at the offices of the Division for the purpose of arbitrating a difference of opinion existing between the Massachusetts Association for Promoting the Interests of the Adult Blind and the Division as to the most efficient method of administering the Vending Stand-Small Business Enterprise program. Having served notice on the Division that it intended to withdraw from the Vending Stand program in January 1958, the Association subsequently entered into an agreement with the Division under the terms of which the Association would retire completely from the program within 18 months. Furthermore, under this agreement, the Division, in the future, will assume full supervision of all stands with the assessing of set-aside funds being discontinued and the stands becoming independent business operations. This new plan became effective in June 1958 through the diligent efforts of the Association in terminating its commitments under the old program.

The Recess Commission was successful in having included in the Division budget an appropriation in the amount of \$4000 for the purchase of Braille writing machines. The machines were secured for the sole use of volunteer transcribers who were to prepare Braille material for visually handicapped children attending public schools. Forty Braille writers have been delivered, ten of which have been issued to volunteer transcribers at the National Braille Press. The Division is presently awaiting requests from the National Braille Press to lend to volunteer transcribers the 30 machines currently on hand.

The General Court, acting on a petition sponsored by the Recess Commission, enacted legislation under the terms of which an annual grant would be paid to certain blind persons employed in workshops operated by the Division of the Blind. Under the provisions of the act, any blind person, who on the effective date of the act, was employed in a workshop

^{1/} Ch. 21 Resolves of 1956; Ch. 25 Resolves of 1957; Ch. 4 Resolves of 1958-Massachusetts General Court.

operated by the Division and who had completed 20 years of service and had reached the age of 65 is granted a retirement benefit equal to 75% of the salary he receives at the time he is relieved from employment. The wages being paid in Division workshops on the effective date of the act were in the amount of \$50.40 per week, providing for a monthly retirement grant of \$164.45. The act further provides for mandatory retirement. Under the authority of the act, 20 blind persons were retired during fiscal year 1958. As many of the retirees were very competent workers, their loss was keenly felt in the workshop program. In order to compensate for their loss, a policy was introduced under which any blind person added to the workshop force would be required to take training to prepare him for employment in a shop.

In January 1958, the Legislative Committee on State Administration held a public hearing on a Recess Commission-sponsored petition, H2434, which provided for the abolition of the presently functioning Advisory Board of the Division and the creation of a paid commission on the needs of the blind within the Department of Education. The commission was to have consisted of 7 members, one of which was to be designated chairman at a salary not to exceed \$5000 per year and six members at salaries not to exceed \$4000 per year. The bill was vehemently opposed by every agency for the blind in the Commonwealth as well as large groups of interested blind persons. In the face of 200 objecting persons present at the hearing, the petitioner requested leave to withdraw which was immediately granted.

There is increasing recognition of the value of community participation in the planning and development of improved and expanded services for blind persons. Efforts have been and are continuing to be made to integrate the attitudes and aims of this agency with those of the public it serves. To effect this, the Division employs the facilities of all media of communication with the public in order that the public be made aware of this agency, its work, its purposes, its needs.

The past year saw agency participation on numerous public service committees, boards and councils. Among those committees and boards on which Division staff members serve and in whose programs they participate fully are:

1. The Governor's Committee to Employ the Physically Handicapped.
2. Rehabilitation Committee of United Community Services.
3. Public Education Committee of United Community Services.
4. Research Division of United Community Services.
5. National Rehabilitation Association.
6. Massachusetts Association for Promoting the Interests of the Adult Blind.

Ultimately, the purpose of our program is to gain public acceptance of the blind, to remove from the public mind the stereotype of the blind as an object of charity and to build new concepts of blindness and blind persons, spelling out their abilities, their problems, their relationship with the world of the sighted.

Register of the Blind

On June 30, 1958, there were 7923 persons registered as blind in Massachusetts. During this fiscal year, 883 persons were added to the Register of the Blind and 693 persons were removed from the Register of the Blind for reasons of death, restoration of vision or removal from the State. Thus, the net increase for the fiscal year for the Register of the Blind was 190 persons. Of the 7923 persons on the Register of the Blind on June 30, 1958, 3741 or 47.2% were male and 4182 or 52.8% were female. Since the Register of the Blind is weighted heavily in favor of the aged, it is not remarkable to note that the percentage of females registered is higher than the percentage of males registered. Similarly, of the 883 individuals added to the Register of the Blind during the fiscal year 1958, 383 or 43.4% were male and 500 or 56.6% were female.

While the number of new registrations increased during the year by 190 for registrants of all ages, new registrations of children, that is, persons under the age of 20, decreased by 30 over the previous year. In the fiscal year 1957, there were 120 persons added to the Register under age 20 and, during the fiscal year 1958, there were only 90 persons added to the Register under age 20.

Of these 883 individuals added to the Register, 61 were added to the Register and taken off within the same year. About half of those registered, that is 331, had virtually no vision, that is, less than 5/200. The remainder had partial sight up to and including 20/200.

TABLE 1 Extent of blindness of persons added to the Register of the Blind during the 12 months-July 1, 1957 to June 30, 1958.

| Extent of Blindness | Number |
|---|--------|
| Absolute blindness | 51 |
| Light perception | 117 |
| Motion perception not including 5/200 | 163 |
| 5/200 to 10/200 | 54 |
| 10/200 to 20/200 | 131 |
| 20/200 | 198 |
| Better than 20/200 with field limitations
of not more than 20° | 49 |
| Unknown | 59 |
| Registered and removed, same year | 61 |
| Total | 883 |

Causes of Blindness

Diabetes is the largest single cause of blindness among the 883 persons over age 20 added to the Register during this fiscal year. Next in order of frequency of occurrence are cataracts, glaucoma, macula degeneration, optic nerve atrophy, myopia, retinitis pigmentosa, in that order. All

Statement of the Board

The Board of Directors of the [Company Name] has the honor to acknowledge the receipt of the [Document Name] dated [Date] and to state that the same has been forwarded to the [Department Name] for their consideration. The Board is of the opinion that the [Document Name] is in accordance with the [Policy Name] and the [Regulation Name] and that it should be approved. The Board has therefore resolved that the [Document Name] be approved and that the [Department Name] be authorized to execute the same.

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other causes of blindness are scattered. The following table indicates the major causes of blindness in the new registrants for the fiscal year 1958.

TABLE 2 Principal causes of blindness in 883 adults added to the Massachusetts Register of the Blind during the 12 months-- July 1, 1957 to June 30, 1958.

| Cause of Blindness | Number | Percent |
|---|--------|---------|
| Diabetes | 127 | 17.2 |
| Cataracts | 120 | 16.2 |
| Glaucoma | 121 | 16.4 |
| Macula degeneration | 85 | 11.5 |
| Optic nerve atrophy | 47 | 6.3 |
| Myopia | 31 | 4.2 |
| Retinitis pigmentosa | 31 | 4.2 |
| Other retina affections | 49 | 6.6 |
| Other uveal tract affections | 25 | 3.4 |
| Other corneal affections | 30 | 4.1 |
| Other affections of optic nerve | 15 | 2.3 |
| Other affections of eyeball | 5 | |
| Site not specified | 6 | |
| No eye report | 47 | 6.3 |
| Added and removed, same year | 61 | |
| Children (less than age 20) counted elsewhere | 83 | |
| Total | 883 | |

It is of interest to examine the ages of persons being added to the Register of the Blind during the fiscal year 1958. Accessions to the Register may be divided logically into three groups: first, those less than 20 years of age; second, those between 20 and 60 years of age; and those 60 years of age or over. Thus, the accessions can be divided into three groups: those whose primary interest is education---the young group; those whose primary pre-occupation is retirement and security---the aging group; and then the middle group---between ages 20 and 60 where it would be expected would be found potential vocational rehabilitants.

Numerically these three groups assume the following proportions: Of the 883 new registrants in the fiscal year 1958, 99 or 11% were in the young group; 485 or 54% were in the aging group; 186 or 34% of the registrants were in the middle group. Of the 186 registrants in the middle group, 71 were age 50 or older. Due to the current hiring practices throughout the country, a person age 50 who becomes disabled or out of work for any reason has very great difficulty in getting back into the labor market. As a matter of fact, the Social Security Acts provide a form of disability retirement for those disabled persons reaching age 50.

Of the 186 new registrants between the ages of 20 and 60, 84 applied for Aid to the Blind; 102 did not apply for Aid to the Blind. Of the 84 who applied for Aid to the Blind, 72 were approved and received assistance; one application was pending at the end of the fiscal year; and 11 in-

dividuals were denied assistance because of other resources.

TABLE 3 Aid to the Blind status of 186 adults age 20 to 60 who were added to the Register of the Massachusetts Division of the Blind in the 12 months-July 1, 1957 to June 30, 1958.

| Status | Total | Male | Female |
|---------------------|-------|------|--------|
| Received assistance | 72 | 38 | 34 |
| Assistance pending | 1 | 0 | 1 |
| Denied assistance | 11 | 6 | 5 |
| Did not apply | 102 | 58 | 44 |
| Total | 186 | 102 | 84 |

Of the 72 persons who received assistance, 38 were male and 34 were female. The 34 women who received assistance were, for the most part, married women. 17 were married and lived with their husbands; 7 were married but were separated from their husbands; 9 were never married; and one was widowed.

TABLE 4 Marital status of 34 women between the ages of 20 and 60 who were granted assistance under the Aid to the Blind program during the 12 months-July 1, 1957 to June 30, 1958.

| Marital Status | Number |
|-------------------------------------|--------|
| Married | 17 |
| Married, but separated from husband | 7 |
| Unmarried | 9 |
| Widowed | 1 |
| Total | 34 |

There were 115 persons age 20 to 50 added to the Register during this fiscal year and, of these 115 individuals, 71 were male, 44 were female. The most common cause of blindness in this group was diabetes but the second most common cause of blindness was retinitis pigmentosa; optic nerve atrophy was the third most frequent cause. These three conditions amounted to about one-half of the forms of blindness found in registrants in this group. The other causes of blindness were scattered throughout the remaining half. Table 5 below illustrates the incidence of blindness in this group.

TABLE 5 Causes of blindness in 115 persons between ages 20 and 50 added to the Register of the Blind of Massachusetts in fiscal year 1958.

| Type of Affection | Total | Male | Female |
|----------------------|-------|------|--------|
| Diabetes | 24 | 21 | 3 |
| Optic nerve atrophy | 13 | 9 | 4 |
| Glaucoma | 7 | 3 | 4 |
| Cataracts | 7 | 3 | 4 |
| Macula degeneration | 3 | 2 | 1 |
| Myopia | 5 | 4 | 1 |
| Retinitis pigmentosa | 21 | 14 | 7 |
| Other retinae | 1 | 0 | 1 |
| Uveal tract | 12 | 2 | 10 |
| All other causes | 14 | 9 | 5 |
| Unknown | 8 | 4 | 4 |
| Total | 115 | 71 | 44 |

It will be of interest to look briefly at the services which the Division of the Blind provided for these 115 persons between the ages of 20 and 50. Forty-four were granted Aid to the Blind; 32 received services of a home teacher; and 39 received Talking Book services; 33 were referred for vocational rehabilitation services; and 82 had not been referred for vocational rehabilitation services at the close of the year. Of the 82 not referred for vocational rehabilitation services, 6 were in institutions; 13 were either employed or were housewives; and 25 had a severe secondary handicap. The capabilities of the remaining 38 individuals were being examined as the year closed.

Removals from the Register

A total of 693 individuals were removed from the Register of the Blind in the past fiscal year; 277 were male and 416 were female. These persons were removed from the Register for four major reasons; 562 had died; 47 were not blind; 75 had moved out of the Commonwealth; and 9 were unlocated. Of the 562 individuals who had died, 100 were diabetics and, of these 100 diabetics, 27 were under age 60 at the time of death and the remaining 73 were over the age of 60 at the time of death. Of the 48 persons under age 20 who were removed from the Register of the Blind, 9 died, 18 were determined to be not blind, 19 had moved out of the Commonwealth and 2 were unlocated.

Mandatory Reporting of Blindness to the Division of the Blind

Section 19A of Chapter 69 of the General Laws of Massachusetts provides that:

"Whenever, upon examination at a clinic, hospital or other institution or elsewhere, by a physician or optometrist the visual acuity of any person is found to be with correction 20/200 or less in the better eye or the peripheral field of his vision to have contracted to the ten degree radius or less regardless of visual acuity, the superintendent of such institution or the physician, optometrist or other person who conducted or was in charge of the examination, if it took place elsewhere than in such an institution, shall within thirty days report to the Division the result of the examination and that blindness of the person examined has been established".

Prevention of Blindness

Despite the substantial advances having been made in the area of prevention of blindness through medical research, eye safety and sight conservation projects, blindness continues on the increase. One causative factor proper to this paradox is that medical science and a higher standard of living have resulted in keeping people alive longer and, consequently, exposing them to disabilities associated with aging. The causes of cataracts, glaucoma and other disease of the eye creating 40% of blindness are, as yet, unknown.

The Division of the Blind, prosecuting its program of prevention of blindness, intensified its efforts during the past year in disseminating eye-health information to the people of Massachusetts. Probably the most noteworthy event of the last year in the field of prevention of blindness was the participation by this agency in the planning and development of a Glaucoma Detection Clinic at the Stephen G. Train Health Center in Brookline. The project is co-sponsored by the Brookline Lions Club and the Health Department of the Town of Brookline. The Clinic, which opened on April 14, operates on a continuing basis and is believed to be the only such clinic operating continuously in the country. The Clinic is staffed by ophthalmologists, nurses and a clerical force and is available to residents of Brookline over the age of forty. The importance of Glaucoma Screening Clinics is noted by the Journal of the American Medical Association which points out that 2% of all persons over the age of forty suffer from undisclosed glaucoma. Because early recognition is essential if blindness from this cause is to be prevented, the screening clinic is being used on an ever-increasing scale.

| | |
|---------------------------------------|------|
| Total persons screened | 1173 |
| Normal eye | 941 |
| Referred | 232 |
| Referred because of possible glaucoma | 77 |
| Referred, possible other eye disease | 155 |
| Follow-up | |
| Diagnosis confirmed | 55 |
| Glaucoma confirmed | 15 |
| Other eye condition confirmed | 40 |
| Diagnosis not confirmed | 17 |
| Glaucoma not confirmed | 13A |
| Other eye disease not confirmed | 4 |
| Diagnosis pending | 160 |
| Confirmed glaucoma | |
| Previously known | 5 |
| Previously unknown | 10 |

A. Certain unconfirmed glaucoma cases require continual observation as they may be borderline cases now and develop glaucoma later.

During the past year, the Division played host to a large group of professional people interested in the prevention of blindness at a premiere showing of the film entitled "Hold Back the Night". The film, which was produced under the auspices of the Canadian Institute for the Blind, describes forcefully the early symptoms of glaucoma, the ophthalmological

tests necessary for diagnosis and the treatment proper to controlling the loss of vision. Following the presentation of the film, a panel discussion conducted by staff ophthalmologists considered the several aspects of the film. An added feature of the program was the presentation by the Director of Certificates of Meritorious Service to several consulting ophthalmologists for their contributions to programs of sight conservation and prevention of blindness. The film "Hold Back the Night" has been incorporated in the Division film library and is available to all interested groups.

The Division joined in the observance of National Sight-Saving Month during September of last year. Governor Furcolo, in issuing a proclamation for Sight-Saving Month, urged the people of the Commonwealth to become familiar with sight-saving measures and to participate actively in the program of prevention of blindness. Similar proclamations were issued by the mayors of our larger cities. The television, radio and newspaper media were utilized to stress the importance of saving sight. A leaflet on eye care was distributed by the Division on request and the many requests received demonstrated the wide-spread interest in sight conservation.

Blindness resulting from diabetes, which occurs in persons who have had diabetes for many years, continues to be a major cause in the adult blind. Of the total number of cases reported to the Division of the Blind during the last fiscal year, 16.2% were blind as a result of diabetes. Diabetic children may become blind as young adults so that blindness from this condition is by no means confined to persons over 40. The fact that, of the newly blinded adult males between the ages of 30 to 39, 12 were blind from diabetes, indicates how very serious is this condition. The Division maintains an index file of these cases and furnishes statistics to the Massachusetts Diabetic Society and the Diabetes Section of the United States Department of Health, Education and Welfare and also to physicians specializing in the treatment of diabetes.

The Division has furnished payment of hospital fees for blind children undergoing surgery to improve vision. Three cases of congenital cataracts received this service. In addition, hospital charges were paid for surgery or treatment to prevent visual loss insofar as possible in 4 cases of buphthalmos. Kollmorgan telescopic lenses were provided for one school child to enable him to continue in the regular school. Hospitalization for cataract surgery was furnished for 3 adults who did not qualify for this service under either the Aid to the Blind or Vocational Rehabilitation medical care programs but were nevertheless unable to pay the hospital costs themselves.

Talks were given by the Medical Social Worker to the Boston City Hospital and the Mt. Auburn Hospital Schools of Nursing Education and to the Olivet Chapter of the Protestant Guild for the Blind. The film on glaucoma, "Hold Back the Night", was in almost constant use throughout the community.

There is a very large number of people who are interested in the study of the history of the United States. This is especially true of the people who are interested in the study of the history of the United States. This is especially true of the people who are interested in the study of the history of the United States. This is especially true of the people who are interested in the study of the history of the United States.

The history of the United States is a very interesting and important subject. It is a subject that has attracted the attention of many people. This is especially true of the people who are interested in the study of the history of the United States. This is especially true of the people who are interested in the study of the history of the United States.

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Rehabilitation Bureau

The Vocational Rehabilitation Bureau operated for the fiscal year with a professional staff of six persons, the Supervisor of Rehabilitation and five counsellors. The fifth counsellor was stationed in Springfield, having joined our staff in August of 1957.

Vocational rehabilitation is a public service designed to develop, preserve or restore the ability of blind men and women to work for pay. In this program, no blind person is considered rehabilitated until he has been placed in suitable employment for at least thirty days on a job which appears to be permanent. In most cases, the criterion is successful accomplishment in paid employment, verified by personal follow-up by one of our counsellors. In some cases, it is the ability to perform the important work of making a home. The services which are provided under this program of vocational rehabilitation are geared to the specific needs of the individual, with due regard to the nature of his disability, his interests and aptitudes and his goals for a career. Services are rendered only to individuals who are at least sixteen years of age and who have a reasonable chance of being employed after services are given. There are nine services in all:

1. Medical diagnostic services to learn the nature and degree of disability and to help determine eligibility for services, the need for additional medical services and the individual's work capacities.
2. Individual counsel and guidance, including psychological testing, to help select the right job objective.
3. Medical, surgical, psychiatric and hospital services to remove or reduce the disability.
4. Artificial limbs and other prosthetic appliances to increase work ability.
5. Training, including occupational training and adjustment training for the blind.
6. Maintenance and transportation during treatment or training.
7. Tools, equipment or licenses if these are necessary to give the individual a fair start.
8. Placement in a job commensurate with the individual's highest physical and mental capacities.
9. Follow-up to ensure that the rehabilitated man or woman is successful and that both he and the employer are satisfied.

The program of vocational rehabilitation is a Federal-State program. During the fiscal year, the Federal Government paid approximately two-thirds of the total expenses, the State Government paying the remaining one third.

Below are statistics which show the work done during the year:

A. Referrals:

| | | |
|----|--|-----|
| 1. | On hand July 1 | 166 |
| 2. | New since July 1 | 177 |
| 3. | Total during period | 343 |
| 4. | Accepted for services since July 1 | 104 |
| 5. | Closed since July 1 | 40 |
| 6. | Total processed during period | 144 |
| 7. | Total referrals remaining at end of period | 199 |

B. Active Cases and Cases Closed from Active Load:

| | | |
|-----|--|-----|
| 8. | Active cases on hand July 1 | 248 |
| 9. | Accepted for services since July 1 | 104 |
| 10. | Total in active load during period | 352 |
| 11. | Closed rehabilitated since July 1 | 71 |
| 12. | Closed other reasons-AFTER rehab. plan initiated since July 1 | 16 |
| 13. | Closed other reasons-BEFORE rehab. plan initiated since July 1 | 23 |
| 14. | Total closed cases during period | 110 |
| 15. | Total active cases remaining at end of period | 242 |

C. Clients Rehabilitated:

1. Cases closed rehabilitated or employed (as compared with 62 in fiscal 1957 and 54 in fiscal 1956) 71
2. Number of employed clients who had been receiving public assistance prior to becoming employed 24
3. Average public assistance grant for the 24 rehabilitants shown in line 2 \$20.55 weekly
4. Average weekly salary of the 71 rehabilitants (as compared to \$44.97 in 1957 and \$42.70 in 1956) \$47.64
5. Type of work on which rehabilitants were placed:

| | |
|---------------------|-------------------------------|
| Attendant | Office Manager |
| Bench Assembler | Operator of Business at Home |
| Cattle Farmer | Organist |
| Clerk, General | Packer |
| Clerk-Messenger | Piano player |
| Collator | Poultry Farmer |
| Darkroom Technician | Press Feeder |
| Fishery Worker | Real Estate Salesman |
| Golf bag Assembler | Retail Store Manager |
| Housewife | Sheltered Workshop Operator |
| Laborer | Switchboard Operator |
| Laundry Worker | Transcribing Machine Operator |
| Lawyer | Upholsterer |
| Machine Operator | Valve Assembler |
| Machinery Repairman | Vending Stand Helper |
| Maintenance Man | Vending Stand Operator |
| Musician | Weaver |

6. Average amount of case service money spent on each rehabilitant (as compared with \$709.00 in fiscal 1957 and \$444.00 in fiscal 1956) \$693.08

D. Specific Services Rendered to Clients:

| | | |
|-----|---|----|
| 1. | Adjustment Center evaluation and training | 25 |
| 2. | Automobile mechanic training | 4 |
| 3. | College training | 28 |
| 4. | Commercial training | 8 |
| 5. | Machine shop training | 1 |
| 6. | Mobility training | 6 |
| 7. | Modelling training | 1 |
| 8. | Music training | 1 |
| 9. | Piano tuning training | 2 |
| 10. | Rabbit raising training | 1 |
| 11. | Radio repair training | 2 |
| 12. | Real estate training | 1 |
| 13. | Upholstering training | 1 |
| 14. | Vending stand training | 10 |

In October 1957, Mr. Greehan attended the annual conference of the National Rehabilitation Association in Minneapolis, Minnesota. In May 1958, he was elected president of the Massachusetts Chapter, National Rehabilitation Association.

In June 1958, the entire professional staff attended the annual conference of the New England Division, National Rehabilitation Association at Rye Beach, New Hampshire.

The work of the Vocational Rehabilitation Bureau may be illustrated by the following case examples:

Margaret Bentley

Margaret Bentley, a 48 year old married woman, separated from her husband, with two teen-aged children, was referred to the Rehabilitation section by the Aid to the Blind worker in 1953. Mrs. Bentley's eye disease was diagnosed as Haroda's disease or exudative choroiditis. Her vision is limited to hand movements in both eyes.

Mrs. Bentley had an eighth grade education and had worked for 11 years as a tire beader and wrapper with a large automobile tire manufacturer in Massachusetts. Her work record was excellent, according to the company where she was employed, but she had to leave because of low vision and the need for surgery. In 1953, the year of her referral, Mrs. Bentley underwent several surgical operations. Consequently, no action was taken toward her vocational rehabilitation at this time. She again became active in rehabilitation in 1955 and, in February 1956, she entered the St. Paul's Rehabilitation Center in Newton, Massachusetts, completing the course in May 1956. She did well in her course work, made a good adjustment, and was graded high average in her total achievement at the Center.

Attempts to replace Mrs. Bentley with her former employer failed because of the objections of the safety engineer of the plant. Several other manufacturing concerns in her home area were contacted for work and, while possibilities were uncovered, no industrial job became a reality. The Vocational Rehabilitation worker then contacted the Mercy Hospital in Springfield, Massachusetts and the superintendent of the Hospital agreed to give Mrs. Bentley a job-tryout in the x-ray laboratory dark room. Because of remodelling of the x-ray laboratory, Mrs. Bentley's starting at the darkroom was delayed 3 months. During this 3 month waiting period, however, Mrs. Bentley improved her work skills by practicing her travel techniques from home to the Hospital, which involved public transportation with transfers. Thus, she made use of the skills learned at St. Paul's Rehabilitation Center.

Mrs. Bentley was called into work in July of 1957 and, after a short training period, she took over all the x-ray developing for four technicians. When it was apparent that she was going to be able to do the work successfully, the Sister Superior arranged to have the x-ray developing room air-conditioned so that Mrs. Bentley could work in comfortable surroundings. The radiologist, Sister Superior and technicians have all expressed their complete satisfaction with Mrs. Bentley's work.

Harvey Low

Harvey Low is a forty-nine year old, unemployed man living with an unemployed son, age 18, and wife who was employed in a metal fabricating plant as an assembler. Mr. Low's eye condition was diagnosed as retinitis pigmentosa. He had 20/300 in the right eye and less than 20/400 in the left eye.

Mr. Low had an employment history as a construction carpenter, drill press operator and warehouse worker with a reputation as a steady, dependable worker. He had recently left work as a carpenter due to his loss of vision. Re-adjustment to blindness was good, considering Mr. Low's circumstances. He wanted to re-assume his role as the family source of support and relieve his wife of this responsibility. The family situation was excellent. He received a good deal of wholesome support from his wife and from his sons and daughters-in-law and, in all, he enjoyed a well-knit family to assist him in his re-adjustment.

Mr. Low entered St. Paul's Rehabilitation Center in Newton, Massachusetts on September 11, 1955 and completed the 12 week course in December 1955. He was the outstanding trainee in his class and has been classified as one of the outstanding trainees in the history of St. Paul's. He was considered an excellent rehabilitation candidate.

Following completion of his re-adjustment program, the Vocational Rehabilitation worker made many contacts for him in his home area, attempting to place him in industrial employment as a woodworking machine operator, furniture repairman, carpenter's helper or metal machine operator. He was finally placed as a woodworking machine operator in a plant which specialized in hiring handicapped workers. In August 1956, he called the Vocational Rehabilitation worker to inform him that he was

dissatisfied with the working conditions at this plant and he would like to have the worker investigate a job opportunity as a janitor at the high school in his home town. A survey of the job was made and it was demonstrated that Mr. Low could have done the job well, but the position was given to another applicant. Mr. Low continued to work at his place of employment until August 1957, when he was injured while operating one of the machines. Following his recovery, he decided not to return to work at that place and requested further counselling service.

In October 1957, the Vocational Rehabilitation worker arranged for a job try-out at a valve company in an adjacent city as a valve assembler. Mr. Low successfully completed the try-out and the company had him file an application for future placement. Nothing happened for several months on this application and, during this period, Mr. Low received training as a chair caner. While engaged in this chair caning training, he was called to work by the valve company. He started to work at the valve plant in January of 1958 as a valve assembler and has been successfully employed since that time. He has made an excellent adjustment to the work situation and his employers are very much pleased with him and his work.

Services to Visually Handicapped Children

The program of Services to Visually Handicapped Children radiates into several areas from the primary task of orienting parents to the importance of understanding and coping with the needs of the pre-school child with severe visual loss. The Division provides professional assistance for parents of visually handicapped children in the planning of their education in either a school for the blind, a public school, a sight conservation class or for public school instruction for children who read with their fingers. Approximately 50% of legally blind children are educated in public schools. Most of these children, however, read print through the medium of large type books or special reading aids.

Eighty-seven children were added to the Massachusetts Register of the Blind during the year, two of whom had formerly been residents of Massachusetts. Two children moved out of the state, one was later found to be not blind and one died. Of the 87 blind children added to the Register, 13 became blind because of retrolental fibroplasia.¹ It is of interest to note that 3 of these "retrolental" children were born after the identification of oxygen as a contributing factor to the blindness. The three children were all born in Massachusetts in June 1955, October 1956 and May 1957. The incidence of retrolental fibroplasia has shown a sharp decline since the introduction of a carefully controlled use of oxygen in the incubator.² Sixty-seven children with impaired vision but with vision not impaired to the extent of legal blindness were referred for the services of the Division during this year.³

On June 30, 1958, there were 241 pre-school blind children known to the Division. Pre-school blind children are those born in 1952 or later. The majority, 162, of these pre-school blind children lived at home while 75 lived away from home. The whereabouts of 4 were not known. Of the 162 pre-school children at home, 38 attended integrated pre-school classes. Of the 75 who lived away from home, 55 were in schools for the mentally retarded; 9 were in the kindergarten class of Perkins School for the Blind; 3 lived in foster homes; 6 were out of the state temporarily; and 2 were patients in hospitals.⁴

There were 680 blind children of school age born 1940 through 1951. Retrolental fibroplasia, optic nerve atrophy and congenital cataracts are the principle causes of blindness in these children.⁵ During the year, the children's workers made 515 home visits, 206 school visits and 60 collateral visits.

Reading readiness kits containing Touch and See, the Division's reading readiness workbook, were lent to 13 blind children in regular kindergartens.

Requests were made to the Division of Special Education for large-type books for 50 children to be used in regular schools.

¹ Table 20

⁴ Table 16

² Table 22

⁵ Table 18

³ Table 19

Recommendation for admission to Sight-Saving Classes were sent to the Division of Special Education for 40 children. Five new children entered public school Braille classes, 8 new children entered regular school with tutors of Braille, 24 children entered Perkins School for the Blind. Three children left Perkins to attend regular school. A Braille class was opened in the Dame School, Medford, with Miss Lynn Fraleigh as teacher; a Braille class was also opened in the Valentine School, Chicopee, with Miss Rosemary McDonough as teacher. Miss McDonough had been an itinerant teacher of blind children in that vicinity.

New Sight-Saving Classes were opened in the William Lloyd Garrison School in Roxbury, the Searles School in Methuen and the Tilton School in Haverhill. The Sight-Saving Class in the William Blackstone School in the West End of Boston closed in June because of the urban redevelopment in that area and the exodus of the residents from that part of the city.

The Children's workers co-operated with Dr. Sadako Imamura, associated with Harvard University, in a study she was making on the influence of parental methods of rearing on the behavior of their blind children.

A plan formulated last year by the Division of Special Education, Perkins School for the Blind and the Division of the Blind, along with the American Printing House for the Blind, to establish a regional library of Braille books and aids at Perkins School for the Blind for all blind school children in Massachusetts did not materialize. This Division compiled a list of all blind children in school in Massachusetts as of January 1958 other than those attending Perkins School for the Blind and the Ransome Greene Unit of the Walter E. Fernald School. This list indicated the amount of vision, the school attended and those children who are finger readers. This list was sent via the Division of Special Education to the American Printing House for the Blind to determine the quota for Braille material and aids to be allotted to this State.

In April, a pamphlet entitled What To Do When Not in School was released by the Division in mimeograph form. This pamphlet presents ideas and suggestions for out of school activities to parents of children with little or no vision.

Because of the need for help to parents of visually handicapped children in this area of recreation has become more and more apparent, Mrs. Marjorie Laufman, a graduate of Simmons School of Social Work, has been assigned the Children's Services Section to concentrate on the problem of recreation. She will focus on the acceptance of blind children in the existing local facilities for all children rather than those primarily for the handicapped. It is hoped that the lessons learned from this project will help blind children throughout the entire country.

Home Teaching

During the past year, the nine home teachers employed by the Division (there is one vacancy) have provided casework services to over a thousand blind adults in Massachusetts. The average caseload of each teacher throughout the year was seventy. The remaining 300 includes persons seen only occasionally during the year and persons discontinued by reason of completion of service, illness, death and other reasons. There were over three hundred requests for home teaching services during the past year. These referrals come from many sources---local physicians, community agencies, the Division's rehabilitation counsellors and social workers, and the blind individuals themselves.

The extent of services ranged from an occasional friendly visit to an elderly person to maintain a link with the Division, to an extensive program geared to the ultimate adjustment of a newly blind adult. Frequency of visits varied from once a week to once every month or two, depending upon the needs of the individual and available time of the worker. Because of the heavy caseloads, visits were often not made as frequently as some blind pupils would have liked.

The persons served can roughly be divided into four groups: 1) Elderly persons who have attained their maximum level of adjustment but feel the need of an occasional contact with someone from the Division to be assured of a continued interest in their welfare and to be brought up-to-date on services currently available from the Division; 2) Persons of all ages who are primarily interested in help with leisure time activities (handcraft lessons, minimum Braille instructions to enable them to play cards and introductions to various social activities); 3) Individuals who are newly blind and require casework services to help them in their adjustment within their own homes and immediate environment. These are individuals who, while not employable by reason of age or other disabilities, can be helped to live a fuller and much more independent life by learning to move more freely about their homes, taking care of their personal needs, caring for their rooms and helping with household chores, including cooking; 4) Newly blind adults who can reasonably be assumed to be employable. It is this group that requires the greatest proportion of the teachers' time. The rehabilitation counsellor and the home teacher work together very closely with these individuals. In some instances, the home teacher carries the major responsibility initially, and then refers the individual to the rehabilitation counsellor when he has adjusted to the point where he can participate in a training plan or work plan. In other cases, the rehabilitation counsellor refers the individual to the home teacher for specialized help in a particular area to help the person continue on the job or equip him to handle a particular job.

As in the past four years, the Division has continued its in-service training program for home teachers, geared to raise the level of service of all teachers and to keep them informed on major policy changes in all areas of service of the office. Weekly meetings of all home teachers are held in the summer, when caseloads drop off somewhat. During the remainder of the year, individual supervisory conferences are held with each teacher.

Talking Book Machines

The Talking Book machine and records are available free to all legally blind persons registered with the Division of the Blind. The Talking Book machine service is currently being enjoyed by approximately 2000 clients. The machine is a specially designed record player which is lent to the client by the Library of Congress through this Division. The books (records) are obtained from a local regional library.

During the year, machines were distributed to 430 new readers; 343 machines, out-moded in serious disrepair, were replaced by new ones. Minor repairs to Talking Book machines are made by a Division staff member; machines requiring major repairs are shipped to the Federal Repair Center.

A current problem in handling Talking Book machines by the Division is the fact that there are 8 different model machines in use and these 8 different models use 6 different types of needles and the same type of needle is not always used in the same model machine. This results in a certain amount of confusion. The Library of Congress is aware of this difficulty and has plans, at present, for standardization of one type of a cartridge and needle for all types of machines. This will, of course, simplify the problem of storing, procuring and replacement of cartridges and needles.

Minor repairs such as needle replacement, noisy volume, controls and turn-table spindles, blown out fuses and worn out tubes are made by Division workers. A machine requiring other than the minor repairs is sent back to the Federal Repair Center for over-hauling. Of the 480 machines received from the Library of Congress this year, 210 were over-hauled and reconditioned machines received from the Federal Repair Center. The Division sent to this Federal Repair Center 490 machines withdrawn from circulation in the State.

The American Foundation for the Blind has sponsored a study to determine the relative merits of the disc type recording or the magnetic or tape recording. The result of this study is the decision to standardize on an 8 1/3 r.p.m. disc. Reader tests are now being conducted to examine the feasibility of the laboratory model machine and discs developed by Recordings for the Blind and Columbia Broadcasting System laboratories.

The Library of Congress tries to provide a balanced selection of books in order that a wide diversity in reader taste be satisfied. Since there is a belief that a large number of readers prefer fiction, popular books and escape literature, an effort is made to supply this preference but at the same time to insure representation of more serious and informative works. This plan is accomplished by the following means: a) Occasional surveys of reading; b) Consideration of requests for specific titles and requests for books in certain subjects which are received from blind readers and from librarians; c) Recommendations from book selection committees.

Industries

The Bureau of Industries of the Division of the Blind operates and maintains 7 sheltered workshops and the Blind Handicraft Shop at the following locations:

Cambridge Industries for the Blind
385 Putnam Avenue
Cambridge

Worcester Workshop for the Blind
33 Highland Street
Worcester

Woolson House Industries
48 Inman Street
Cambridge

Lowell Workshop for the Blind
323 Middlesex Street
Lowell

Springfield Workshop for the Blind
63 Howard Street
Springfield

Fall River Workshop for the Blind
1001 County Street
Fall River

Pittsfield Workshop for the Blind
109 Eagle Street
Pittsfield

Blind Handicraft Shop
156 Newbury Street
Boston

Sheltered Workshops

The basic function of the workshop program is to provide employment for as many as possible of those blind people residing within the Commonwealth who, because of conditions of age, health, education, experience, aptitude or location are unable to meet the requirements of competitive employment. These people derive substantial benefits from the opportunity to work under special conditions which afford them worthwhile income and the moral, psychological and physical benefits which serious application to the accomplishment of useful work have to offer.

Indifferent application to work on the part of the blind person serves to undermine conditions that are important to the productivity of the workshop. To offset this very definite possibility and in order to be certain of minimum productive ability in the blind worker, each new applicant for employment is screened at a rehabilitation facility other than the sheltered workshop in which he will become employed. It is expected that this system will pay dividends in many ways, namely improving morale, increasing production, decreasing deficit, and most importantly, will help to establish the best kind of work habits. Proven workers, therefore, will feel a sense of accomplishment in sheltered shop employment, even if they cannot measure up to the standards required for competitive employment.

Sales and Home Industries

Within the past few years, the homework program has been expanded to include any blind person who cannot be placed in private industry or in Sheltered workshop employment, but who is interested in increasing his or her income. All bureaus of the Division cooperate in this program. The home teachers will, upon request, instruct the client in the making of new articles to each new or present home worker. The rehabilitation workers also make recommendations and, in many cases, suggest further training towards home work

1. *Chlorophyll a* and *Chlorophyll b* contents were determined by the method of Arar and Cook (1987).

The Bureau of Industries of the Division of the State Department and the Bureau of Industries of the Division of the State Department are authorized to issue the following:

THE UNIVERSITY OF CHICAGO
LIBRARY
540 EAST 58TH STREET
CHICAGO, ILL. 60637

James Earl Ray
born May 1928
St. Louis, Mo.

1. The first step is to identify the problem.
 2. The second step is to define the problem.
 3. The third step is to analyze the problem.
 4. The fourth step is to develop a solution.
 5. The fifth step is to implement the solution.
 6. The sixth step is to evaluate the solution.
 7. The seventh step is to monitor the solution.
 8. The eighth step is to maintain the solution.
 9. The ninth step is to improve the solution.
 10. The tenth step is to document the solution.

1941-1942
 1943-1944
 1945-1946

The basic function of the research program is to provide information on
 a range of possible effects which might be expected from the use of
 chemical and biological agents, and to provide information on the
 effects of chemical and biological agents on the human body.
 The research program is designed to provide information on the
 effects of chemical and biological agents on the human body, and
 to provide information on the effects of chemical and biological agents
 on the human body.

[illegible][illegible]

for those persons not considered employable. Aid to the Blind workers also channel those of their clients who may be helped by this program.

Although, up to the present time, this program has not expanded as rapidly as had been hoped, it is expected that new emphasis will help to rekindle interest in this program. A minimum increase of \$5000 is anticipated for the coming year.

Cambridge Industries for the Blind

Employed at the Cambridge Industries for the Blind on June 30, 1958 were 56 blind men who manufactured brooms, mops and also did some sub-contract work.

| | | |
|-----------|---------|-------|
| Employed: | Blind | 56 a. |
| | Sighted | 7 |
| | Total | 63 |

Production:

| <u>Item</u> | <u>1957-58</u> | <u>1956-57</u> |
|-------------|----------------|----------------|
| Brooms | 5020 dozen | 6582 dozen |
| Mops | 9143 dozen | 8932 dozen |

a. includes a junior clerk-typist.

This, the largest sheltered workshop in the Division program, has a well laid-out plant. For many years, the Division had tried to improve conditions in this department. Several years ago, the shop was moved from what the Public Safety Department called a "fire trap" on the fourth floor of a building located on Lansdowne Street in Cambridge to Inman Street, the only building available at the time. During the past year, the shop moved to a new location at 385 Putnam Avenue which provides 15,000 square feet of work area on the street level and the same amount in the basement for storage purposes. Although the location is not the best, it is a decided improvement and, next to having the Commonwealth build a private building according to Division specifications, in a recommended location, it is the best available in Cambridge.

In December 1957, an "Open House" was held at this facility and men, women and children from all walks of life were invited and did attend in large numbers. High State officials, local dignitaries, the Commissioner of Education and the members of his staff, school teachers and their classes, businessmen and manufacturers, as well as neighbors interested in the work, attended this Open House. A buffet was set up under the supervision of the President of the Cambridge Lions Club who was ably assisted by members of the Cambridge Electric Light Company. This group also took charge of floral decorations. The Director of the Division was General Chairman and members of his staff from the departments of Individual Services, Vocational Rehabilitation and Industries all assisted in making this event, the first in more than forty years, an outstanding success. Newspapers, radio and television noted this gala opening. The Division is especially proud of this workshop and it is hoped that some day Massachusetts will provide the shop with a building of its own.

Woolson House Industries

The Woolson House Industries employs blind men and women who reseat chairs of all types such as pressed seating, rush seating, hand caning and pith seating. In the weaving department, the workers produce, on four-harness treadle looms, hand woven articles such as table scarves, runners, place mats, luncheon sets, baby bibs, guest towels, knitting and shopping bags and rugs. Workers in the sewing department manufacture pillowcases of all sizes.

| | | |
|-----------|---------|-----------|
| Employed: | Blind | 19 |
| | Sighted | 3 |
| | Total | <u>22</u> |

Production:

| <u>Item</u> | <u>1957-58</u> | <u>1956-57</u> |
|--------------|--------------------|--------------------|
| Chairs | \$ 2,087.00 | \$ 3,184.65 |
| Weaving | 1,775.00 | 3,314.00 |
| Pillow cases | 27,574.50 | 28,225.00 |
| Total | <u>\$31,436.50</u> | <u>\$34,723.65</u> |

During the past year, the staff of this shop was considerably depleted by the retirement of 9 experienced workers. With younger, well-trained replacements, it is expected that this facility will show a substantial increase during the coming fiscal year.

Springfield Workshop for the Blind

The Springfield shop employs blind men and women who do all sorts of chair reseating, assembling of rubber mats and sub-contract assembling and packaging operations.

| | | |
|-----------|---------|-----------|
| Employed: | Blind | 20 |
| | Sighted | 2 |
| | Total | <u>22</u> |

Production:

| <u>Item</u> | <u>1957-58</u> | <u>1956-57</u> |
|----------------------|--------------------|--------------------|
| Chairs | \$ 5,666.05 | \$ 4,453.53 |
| Rubber Mats | 191.72 | 123.17 |
| Sub-Contract: | | |
| 1. Folding Boxes | ----- | 1,595.78 |
| 2. Packing Magazines | 361.70 | 42.00 |
| 3. Assembling Spouts | 576.00 | 524.80 |
| 4. Packing Tubes | ----- | 275.04 |
| Total | <u>\$ 6,795.47</u> | <u>\$ 7,014.32</u> |

This shop shows a decrease in revenue of approximately \$200 because of the recession and automation causing contracts for sub-assembly work to be withdrawn from us in the amount of nearly \$2000. The chair reseating and mat

program increased business to the extent of nearly offsetting the loss due to the loss of the sub-assembly work. Improved public relations and the exhibit program are believed to be accountable for the increase in chair work.

Pittsfield Workshop for the Blind

The Pittsfield Workshop employs blind men who reseat chairs, restring tennis and badminton racquets and manufacture brooms.

| | | |
|-----------|---------|-------|
| Employed: | Blind | 11 a. |
| | Sighted | 3 b. |
| | Total | 14 |

Production:

| <u>Item</u> | <u>1957-58</u> | <u>1956-57</u> |
|----------------|----------------|----------------|
| Brooms | 796 dozen | 835 dozen |
| Chairs | 344 | 288 |
| Racquets | 51 | 38 |
| Total \$ Value | \$10,841.99 | \$10,768.73 |

a. includes Manager.

b. 1 unfilled position.

It will be especially noted that this workshop shows about the same revenue for each year, notwithstanding the fact that their largest industrial manufacturing plants have been hit hard by the recession. This holding-the-line is attributed to increased local interest in the program and to extensive public relations both from the workshop and the sales program, and also through broom business which shows a substantial cutback due to the recession in general. It must be said that, were it not for the new light-weight kitchenette broom which is 55 inches long, weighing 1½ lbs. and is a very good selling item, our showing in this department would be much worse. As soon as is practicable, this light-weight kitchenette broom is going to be introduced into the manufacturing program of Cambridge and Fall River workshops.

Worcester Workshop for the Blind

The Worcester Workshop employs blind men who reseat chairs of all types and restring tennis racquets.

| | | |
|-----------|---------|------|
| Employed: | Blind | 6 a. |
| | Sighted | 1 |
| | Total | 7 |

Production:

| <u>Item</u> | <u>1957-58</u> | <u>1956-57</u> |
|--|----------------|----------------|
| Chairs | 1185 | 1574 |
| Racquets | 25 | 99 |
| Total \$ Value
(incl. broom and
mop sales) | \$4,353.62 | \$5,877.99 |

a. includes Manager and 2 unfilled positions.

...the fact that the ...

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It will be especially noted that the following items have been received from the various sources mentioned in the last two pages of this report. This information is being furnished to the various sources mentioned in the last two pages of this report. This information is being furnished to the various sources mentioned in the last two pages of this report.

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This shop sustained the loss of several good workers during the year due to the retirement of 3 elderly persons and the taking leave on the part of one worker to try out a business enterprise. The new workers are producing quite well and it is expected that business should improve in this shop in the coming fiscal year.

Lowell Workshop for the Blind

The Lowell shop employs blind men who recane chairs and assemble rubber mats.

| | | |
|-----------|---------|------|
| Employed: | Blind | 6 a. |
| | Sighted | 1 |
| | Total | 7 |

Production:

| <u>Item</u> | <u>1957-58</u> | <u>1956-57</u> |
|----------------|----------------|----------------|
| Chairs | 776 | 897 |
| Mats | 121 | 439 |
| Broom (sales) | \$ 759.15 | \$ 713.80 |
| Cane (sales) | 19.04 | ----- |
| Total \$ Value | \$4,068.32 | \$5,056.46 |

a. includes Manager.

The recession had a tremendous influence on the work of this shop. As a result, the income has decreased by 20% in the fiscal year that just ended as compared to the previous year.

Fall River Workshop for the Blind

Employed in this shop are blind men who reseat chairs of all types and manufacture brooms.

| | | |
|-----------|---------|----|
| Employed: | Blind | 8 |
| | Sighted | 3 |
| | Total | 11 |

Production:

| <u>Item</u> | <u>1957-58</u> | <u>1956-57</u> |
|----------------|----------------|----------------|
| Brooms | 696 dozen | 824 dozen |
| Chairs | 496 | 505 |
| Mops (sold) | \$1,214.45 | \$1,190.90 |
| Total \$ Value | \$9,951.70 | \$12,158.41 |

This shop in Fall River has been very badly affected both by the recession and the loss of mills. The mills have been through the years, very good customers for brooms and, with the lack of activity in the mills and the

This report was prepared for the purpose of showing the results of the investigation conducted by the Department of the Interior, Bureau of Land Management, in the year 1900, in relation to the land owned by the United States in the State of California. The report is divided into two parts, the first of which contains a general description of the land, and the second of which contains a detailed description of the land.

General Description of the Land

The land is divided into two parts, the first of which contains a general description of the land, and the second of which contains a detailed description of the land.

| Total | State | Federal |
|------------|-----------|-----------|
| | | |
| 1,000,000 | 500,000 | 500,000 |
| 2,000,000 | 1,000,000 | 1,000,000 |
| 3,000,000 | 1,500,000 | 1,500,000 |
| 4,000,000 | 2,000,000 | 2,000,000 |
| 5,000,000 | 2,500,000 | 2,500,000 |
| 6,000,000 | 3,000,000 | 3,000,000 |
| 7,000,000 | 3,500,000 | 3,500,000 |
| 8,000,000 | 4,000,000 | 4,000,000 |
| 9,000,000 | 4,500,000 | 4,500,000 |
| 10,000,000 | 5,000,000 | 5,000,000 |

The following table shows the results of the investigation conducted by the Department of the Interior, Bureau of Land Management, in the year 1900, in relation to the land owned by the United States in the State of California. The table is divided into two parts, the first of which contains a general description of the land, and the second of which contains a detailed description of the land.

Detailed Description of the Land

The land is divided into two parts, the first of which contains a general description of the land, and the second of which contains a detailed description of the land.

| Total | State | Federal |
|------------|-----------|-----------|
| | | |
| 1,000,000 | 500,000 | 500,000 |
| 2,000,000 | 1,000,000 | 1,000,000 |
| 3,000,000 | 1,500,000 | 1,500,000 |
| 4,000,000 | 2,000,000 | 2,000,000 |
| 5,000,000 | 2,500,000 | 2,500,000 |
| 6,000,000 | 3,000,000 | 3,000,000 |
| 7,000,000 | 3,500,000 | 3,500,000 |
| 8,000,000 | 4,000,000 | 4,000,000 |
| 9,000,000 | 4,500,000 | 4,500,000 |
| 10,000,000 | 5,000,000 | 5,000,000 |

The following table shows the results of the investigation conducted by the Department of the Interior, Bureau of Land Management, in the year 1900, in relation to the land owned by the United States in the State of California. The table is divided into two parts, the first of which contains a general description of the land, and the second of which contains a detailed description of the land.

closing of mills, the sale of brooms has decreased considerably as shown in the above figures.

Blind Handicraft Shop

Employed in this unit of the Division are four sighted workers and one blind worker. Here the work done by the Division's 143 home workers and consignors is processed, evaluated and prepared for sale.

| | | |
|-----------|---------|---|
| Employed: | Blind | 1 |
| | Sighted | 4 |
| | Total | 5 |

Production:

| <u>Item</u> | <u>1957-58</u> | | <u>1956-57</u> |
|--------------------|----------------|--------|----------------|
| Stock items-16,383 | \$14,792.34 | 21,020 | \$13,324.18 |
| Consigned--- 9,440 | 8,495.58 | 8,682 | 8,917.15 |
| Total Sales | \$23,287.92 | | \$22,242.15 |

The Homework and Sales Program, though not showing the increase expected this year, is now on the move. It is planned that, in the coming year, the sales will increase by at least \$5,000. To this end, more work will be sent out to the home workers and the workers will be encouraged to do more home work. We also plan to increase sale activities during the year 1958-59 to dispose of the increased home work of the home production workers.

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and the United States will be able to do so at a very low cost. The United States will be able to do so at a very low cost. The United States will be able to do so at a very low cost.

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| <u>TR-302</u> | <u>TR-303</u> | <u>TR-304</u> | <u>TR-305</u> |
|-------------------|-------------------|-------------------|--------------------|
| 1. <u>TR-302</u> | 2. <u>TR-303</u> | 3. <u>TR-304</u> | 4. <u>TR-305</u> |
| 5. <u>TR-306</u> | 6. <u>TR-307</u> | 7. <u>TR-308</u> | 8. <u>TR-309</u> |
| 9. <u>TR-310</u> | 10. <u>TR-311</u> | 11. <u>TR-312</u> | 12. <u>TR-313</u> |
| 13. <u>TR-314</u> | 14. <u>TR-315</u> | 15. <u>TR-316</u> | 16. <u>TR-317</u> |
| 17. <u>TR-318</u> | 18. <u>TR-319</u> | 19. <u>TR-320</u> | 20. <u>TR-321</u> |
| 21. <u>TR-322</u> | 22. <u>TR-323</u> | 23. <u>TR-324</u> | 24. <u>TR-325</u> |
| 25. <u>TR-326</u> | 26. <u>TR-327</u> | 27. <u>TR-328</u> | 28. <u>TR-329</u> |
| 29. <u>TR-330</u> | 30. <u>TR-331</u> | 31. <u>TR-332</u> | 32. <u>TR-333</u> |
| 33. <u>TR-334</u> | 34. <u>TR-335</u> | 35. <u>TR-336</u> | 36. <u>TR-337</u> |
| 37. <u>TR-338</u> | 38. <u>TR-339</u> | 39. <u>TR-340</u> | 40. <u>TR-341</u> |
| 41. <u>TR-342</u> | 42. <u>TR-343</u> | 43. <u>TR-344</u> | 44. <u>TR-345</u> |
| 45. <u>TR-346</u> | 46. <u>TR-347</u> | 47. <u>TR-348</u> | 48. <u>TR-349</u> |
| 49. <u>TR-350</u> | 50. <u>TR-351</u> | 51. <u>TR-352</u> | 52. <u>TR-353</u> |
| 53. <u>TR-354</u> | 54. <u>TR-355</u> | 55. <u>TR-356</u> | 56. <u>TR-357</u> |
| 57. <u>TR-358</u> | 58. <u>TR-359</u> | 59. <u>TR-360</u> | 60. <u>TR-361</u> |
| 61. <u>TR-362</u> | 62. <u>TR-363</u> | 63. <u>TR-364</u> | 64. <u>TR-365</u> |
| 65. <u>TR-366</u> | 66. <u>TR-367</u> | 67. <u>TR-368</u> | 68. <u>TR-369</u> |
| 69. <u>TR-370</u> | 70. <u>TR-371</u> | 71. <u>TR-372</u> | 72. <u>TR-373</u> |
| 73. <u>TR-374</u> | 74. <u>TR-375</u> | 75. <u>TR-376</u> | 76. <u>TR-377</u> |
| 77. <u>TR-378</u> | 78. <u>TR-379</u> | 79. <u>TR-380</u> | 80. <u>TR-381</u> |
| 81. <u>TR-382</u> | 82. <u>TR-383</u> | 83. <u>TR-384</u> | 84. <u>TR-385</u> |
| 85. <u>TR-386</u> | 86. <u>TR-387</u> | 87. <u>TR-388</u> | 88. <u>TR-389</u> |
| 89. <u>TR-390</u> | 90. <u>TR-391</u> | 91. <u>TR-392</u> | 92. <u>TR-393</u> |
| 93. <u>TR-394</u> | 94. <u>TR-395</u> | 95. <u>TR-396</u> | 96. <u>TR-397</u> |
| 97. <u>TR-398</u> | 98. <u>TR-399</u> | 99. <u>TR-400</u> | 100. <u>TR-401</u> |

[illegible]

TABLE 6 Blind persons added to the Massachusetts Register of the Blind by age and sex during the 12 months July 1, 1957 through June 30, 1958.

| Age | Total | Male | Female | Percent |
|-------------------|-------|-------------|-------------|---------|
| Total | 883 | 383 (43.4%) | 500 (56.6%) | 100 |
| Under 1 yr. | 3 | 3 | 0 | .3 |
| 1 to 2 yrs. | 9 | 5 | 4 | 1.0 |
| 2 to 3 yrs. | 6 | 4 | 2 | .7 |
| 3 to 4 yrs. | 5 | 3 | 2 | .6 |
| 4 to 5 yrs. | 6 | 3 | 3 | .7 |
| 5 to 9 yrs. | 39 | 21 | 18 | 4.4 |
| 10 to 14 yrs. | 16 | 6 | 10 | 1.8 |
| 15 to 19 yrs. | 6 | 5 | 1 | .7 |
| 20 to 24 yrs. | 13 | 9 | 4 | 1.5 |
| 25 to 29 yrs. | 19 | 14 | 5 | 2.1 |
| 30 to 34 yrs. | 18 | 12 | 6 | 2.0 |
| 35 to 39 yrs. | 26 | 18 | 8 | 2.9 |
| 40 to 44 yrs. | 20 | 10 | 10 | 2.3 |
| 45 to 49 yrs. | 19 | 7 | 12 | 2.1 |
| 50 to 54 yrs. | 33 | 17 | 16 | 3.7 |
| 55 to 59 yrs. | 38 | 15 | 23 | 4.3 |
| 60 to 64 yrs. | 76 | 35 | 41 | 8.6 |
| 65 to 69 yrs. | 75 | 24 | 51 | 8.5 |
| 70 to 74 yrs. | 81 | 35 | 46 | 9.2 |
| 75 to 79 yrs. | 80 | 31 | 49 | 9.1 |
| 80 to 84 yrs. | 92 | 31 | 61 | 10.4 |
| 85 to 89 yrs. | 49 | 17 | 32 | 5.5 |
| 90 to 94 yrs. | 27 | 9 | 18 | 3.1 |
| 95 to 99 yrs. | 5 | 1 | 4 | .6 |
| 100 yrs. and over | 0 | 0 | 0 | |
| Age unknown | 122 | 48 | 74 | 13.9 |

TABLE 7 Age and sex of 186 adults between ages 20 and 60 added to the Register of the Massachusetts Division of the Blind during the 12 months July 1, 1957 to June 30, 1958.

| Age | Total | Male | Female |
|-------|-------|------|--------|
| 20-29 | 32 | 23 | 5 |
| 30-39 | 44 | 30 | 14 |
| 40-49 | 39 | 17 | 22 |
| 50-59 | 71 | 32 | 39 |
| Total | 186 | 102 | 84 |

TABLE 8 Blind persons on the Massachusetts Register of the Blind by age and sex on June 30, 1958.

| Age | Total | Male | Female | Percent |
|-------------------|-------|------|--------|---------|
| Total | 7923 | 3741 | 4182 | 100 |
| Under 1 yr. | 3 | 3 | 0 | |
| 1 to 2 yrs. | 9 | 5 | 4 | .1 |
| 2 to 3 yrs. | 15 | 12 | 3 | .2 |
| 3 to 4 yrs. | 26 | 16 | 10 | .3 |
| 4 to 5 yrs. | 42 | 22 | 20 | .5 |
| 5 to 9 yrs. | 337 | 169 | 168 | 4.3 |
| 10 to 14 yrs. | 314 | 176 | 138 | 4.0 |
| 15 to 19 yrs. | 185 | 99 | 86 | 2.3 |
| 20 to 24 yrs. | 175 | 99 | 76 | 2.2 |
| 25 to 29 yrs. | 197 | 117 | 80 | 2.5 |
| 30 to 34 yrs. | 265 | 168 | 97 | 3.3 |
| 35 to 39 yrs. | 317 | 194 | 123 | 4.0 |
| 40 to 44 yrs. | 327 | 190 | 137 | 4.1 |
| 45 to 49 yrs. | 340 | 195 | 145 | 4.3 |
| 50 to 54 yrs. | 425 | 220 | 205 | 5.4 |
| 55 to 59 yrs. | 509 | 263 | 246 | 6.4 |
| 60 to 64 yrs. | 652 | 293 | 359 | 8.2 |
| 65 to 69 yrs. | 716 | 329 | 387 | 9.1 |
| 70 to 74 yrs. | 749 | 319 | 430 | 9.4 |
| 75 to 79 yrs. | 748 | 307 | 441 | 9.4 |
| 80 to 84 yrs. | 718 | 246 | 472 | 9.1 |
| 85 to 89 yrs. | 492 | 170 | 322 | 6.2 |
| 90 to 94 yrs. | 198 | 71 | 127 | 2.5 |
| 95 to 99 yrs. | 37 | 6 | 31 | .5 |
| 100 yrs. and over | 10 | 2 | 8 | .1 |
| Age unknown | 117 | 50 | 67 | 1.6 |

TABLE 9 Retinitis Pigmentosa: Age and sex of 31 adults in Massachusetts registered as blind during the 12 months July 1, 1957-June 30, 1958

| Age | Total | Male | Female |
|---------|-------|------|--------|
| Unknown | 5 | 3 | 2 |
| 20-29 | 8 | 7 | 1 |
| 30-39 | 8 | 4 | 4 |
| 40-49 | 6 | 3 | 3 |
| 50-59 | 1 | 1 | 0 |
| 60-69 | 1 | 0 | 1 |
| 70-79 | 2 | 0 | 2 |
| Total | 31 | 18 | 13 |

TABLE 10 Myopia: Age and sex of 31 adults in Massachusetts registered as blind during the 12 months July 1, 1957-June 30, 1958.

| Age | Total | Male | Female |
|---------|-------|------|--------|
| Unknown | 2 | 1 | 1 |
| 20-29 | 1 | 1 | 0 |
| 30-39 | 2 | 2 | 0 |
| 40-49 | 0 | 0 | 0 |
| 50-59 | 8 | 4 | 4 |
| 60-69 | 12 | 5 | 7 |
| 70-79 | 6 | 0 | 6 |
| Total | 31 | 13 | 18 |

TABLE 11 Optic Nerve Atrophy: Age and sex of 47 adults in Massachusetts registered as blind during the 12 months July 1, 1957-June 30, 1958

| Age | Total | Male | Female |
|---------|-------|------|--------|
| Unknown | 5 | 3 | 2 |
| 20-29 | 3 | 2 | 1 |
| 30-39 | 7 | 5 | 2 |
| 40-49 | 5 | 4 | 1 |
| 50-59 | 6 | 3 | 3 |
| 60-69 | 14 | 10 | 4 |
| 70-79 | 3 | 3 | 0 |
| 80-89 | 4 | 1 | 3 |
| Total | 47 | 31 | 16 |

TABLE 12 Cataract: Age and sex of 124 adults in Massachusetts registered as blind during the 12 months July 1, 1957-June 30, 1958.

| Age | Total | Male | Female |
|---------|-------|------|--------|
| Unknown | 15 | 4 | 11 |
| 20-29 | 1 | 1 | 0 |
| 30-39 | 1 | 1 | 0 |
| 40-49 | 7 | 2 | 5 |
| 50-59 | 8 | 2 | 6 |
| 60-69 | 10 | 5 | 5 |
| 70-79 | 28 | 14 | 14 |
| 80-89 | 38 = | 12 | 26 |
| 90-99 | 16 | 4 | 12 |
| Total | 124 | 45 | 79 |

TABLE I. SUMMARY OF THE DATA OBTAINED IN THE EXPERIMENTAL STUDY OF THE EFFECT OF THE CONCENTRATION OF THE SOLUTION ON THE RATE OF REACTION.

| Experiment 1 | | | Experiment 2 | | | Experiment 3 | | |
|-------------------------------|--------------------------|-------------------|-------------------------------|--------------------------|-------------------|-------------------------------|--------------------------|-------------------|
| Concentration of Solution (M) | Rate of Reaction (M/min) | Order of Reaction | Concentration of Solution (M) | Rate of Reaction (M/min) | Order of Reaction | Concentration of Solution (M) | Rate of Reaction (M/min) | Order of Reaction |
| 0.1 | 0.001 | 1 | 0.2 | 0.002 | 1 | 0.3 | 0.003 | 1 |
| 0.2 | 0.002 | 1 | 0.4 | 0.004 | 1 | 0.4 | 0.004 | 1 |
| 0.3 | 0.003 | 1 | 0.6 | 0.006 | 1 | 0.6 | 0.006 | 1 |
| 0.4 | 0.004 | 1 | 0.8 | 0.008 | 1 | 0.8 | 0.008 | 1 |
| 0.6 | 0.006 | 1 | 1.0 | 0.010 | 1 | 1.0 | 0.010 | 1 |
| 0.8 | 0.008 | 1 | 1.2 | 0.012 | 1 | 1.2 | 0.012 | 1 |
| 1.0 | 0.010 | 1 | 1.4 | 0.014 | 1 | 1.4 | 0.014 | 1 |
| 1.2 | 0.012 | 1 | 1.6 | 0.016 | 1 | 1.6 | 0.016 | 1 |
| 1.4 | 0.014 | 1 | 1.8 | 0.018 | 1 | 1.8 | 0.018 | 1 |
| 1.6 | 0.016 | 1 | 2.0 | 0.020 | 1 | 2.0 | 0.020 | 1 |
| 1.8 | 0.018 | 1 | 2.2 | 0.022 | 1 | 2.2 | 0.022 | 1 |
| 2.0 | 0.020 | 1 | 2.4 | 0.024 | 1 | 2.4 | 0.024 | 1 |
| 2.2 | 0.022 | 1 | 2.6 | 0.026 | 1 | 2.6 | 0.026 | 1 |
| 2.4 | 0.024 | 1 | 2.8 | 0.028 | 1 | 2.8 | 0.028 | 1 |
| 2.6 | 0.026 | 1 | 3.0 | 0.030 | 1 | 3.0 | 0.030 | 1 |
| 2.8 | 0.028 | 1 | 3.2 | 0.032 | 1 | 3.2 | 0.032 | 1 |
| 3.0 | 0.030 | 1 | 3.4 | 0.034 | 1 | 3.4 | 0.034 | 1 |
| 3.2 | 0.032 | 1 | 3.6 | 0.036 | 1 | 3.6 | 0.036 | 1 |
| 3.4 | 0.034 | 1 | 3.8 | 0.038 | 1 | 3.8 | 0.038 | 1 |
| 3.6 | 0.036 | 1 | 4.0 | 0.040 | 1 | 4.0 | 0.040 | 1 |
| 3.8 | 0.038 | 1 | 4.2 | 0.042 | 1 | 4.2 | 0.042 | 1 |
| 4.0 | 0.040 | 1 | 4.4 | 0.044 | 1 | 4.4 | 0.044 | 1 |
| 4.2 | 0.042 | 1 | 4.6 | 0.046 | 1 | 4.6 | 0.046 | 1 |
| 4.4 | 0.044 | 1 | 4.8 | 0.048 | 1 | 4.8 | 0.048 | 1 |
| 4.6 | 0.046 | 1 | 5.0 | 0.050 | 1 | 5.0 | 0.050 | 1 |
| 4.8 | 0.048 | 1 | 5.2 | 0.052 | 1 | 5.2 | 0.052 | 1 |
| 5.0 | 0.050 | 1 | 5.4 | 0.054 | 1 | 5.4 | 0.054 | 1 |
| 5.2 | 0.052 | 1 | 5.6 | 0.056 | 1 | 5.6 | 0.056 | 1 |
| 5.4 | 0.054 | 1 | 5.8 | 0.058 | 1 | 5.8 | 0.058 | 1 |
| 5.6 | 0.056 | 1 | 6.0 | 0.060 | 1 | 6.0 | 0.060 | 1 |
| 5.8 | 0.058 | 1 | 6.2 | 0.062 | 1 | 6.2 | 0.062 | 1 |
| 6.0 | 0.060 | 1 | 6.4 | 0.064 | 1 | 6.4 | 0.064 | 1 |
| 6.2 | 0.062 | 1 | 6.6 | 0.066 | 1 | 6.6 | 0.066 | 1 |
| 6.4 | 0.064 | 1 | 6.8 | 0.068 | 1 | 6.8 | 0.068 | 1 |
| 6.6 | 0.066 | 1 | 7.0 | 0.070 | 1 | 7.0 | 0.070 | 1 |
| 6.8 | 0.068 | 1 | 7.2 | 0.072 | 1 | 7.2 | 0.072 | 1 |
| 7.0 | 0.070 | 1 | 7.4 | 0.074 | 1 | 7.4 | 0.074 | 1 |
| 7.2 | 0.072 | 1 | 7.6 | 0.076 | 1 | 7.6 | 0.076 | 1 |
| 7.4 | 0.074 | 1 | 7.8 | 0.078 | 1 | 7.8 | 0.078 | 1 |
| 7.6 | 0.076 | 1 | 8.0 | 0.080 | 1 | 8.0 | 0.080 | 1 |
| 7.8 | 0.078 | 1 | 8.2 | 0.082 | 1 | 8.2 | 0.082 | 1 |
| 8.0 | 0.080 | 1 | 8.4 | 0.084 | 1 | 8.4 | 0.084 | 1 |
| 8.2 | 0.082 | 1 | 8.6 | 0.086 | 1 | 8.6 | 0.086 | 1 |
| 8.4 | 0.084 | 1 | 8.8 | 0.088 | 1 | 8.8 | 0.088 | 1 |
| 8.6 | 0.086 | 1 | 9.0 | 0.090 | 1 | 9.0 | 0.090 | 1 |
| 8.8 | 0.088 | 1 | 9.2 | 0.092 | 1 | 9.2 | 0.092 | 1 |
| 9.0 | 0.090 | 1 | 9.4 | 0.094 | 1 | 9.4 | 0.094 | 1 |
| 9.2 | 0.092 | 1 | 9.6 | 0.096 | 1 | 9.6 | 0.096 | 1 |
| 9.4 | 0.094 | 1 | 9.8 | 0.098 | 1 | 9.8 | 0.098 | 1 |
| 9.6 | 0.096 | 1 | 10.0 | 0.100 | 1 | 10.0 | 0.100 | 1 |
| 9.8 | 0.098 | 1 | 10.2 | 0.102 | 1 | 10.2 | 0.102 | 1 |
| 10.0 | 0.100 | 1 | 10.4 | 0.104 | 1 | 10.4 | 0.104 | 1 |
| 10.2 | 0.102 | 1 | 10.6 | 0.106 | 1 | 10.6 | 0.106 | 1 |
| 10.4 | 0.104 | 1 | 10.8 | 0.108 | 1 | 10.8 | 0.108 | 1 |
| 10.6 | 0.106 | 1 | 11.0 | 0.110 | 1 | 11.0 | 0.110 | 1 |
| 10.8 | 0.108 | 1 | 11.2 | 0.112 | 1 | 11.2 | 0.112 | 1 |
| 11.0 | 0.110 | 1 | 11.4 | 0.114 | 1 | 11.4 | 0.114 | 1 |
| 11.2 | 0.112 | 1 | 11.6 | 0.116 | 1 | 11.6 | 0.116 | 1 |
| 11.4 | 0.114 | 1 | 11.8 | 0.118 | 1 | 11.8 | 0.118 | 1 |
| 11.6 | 0.116 | 1 | 12.0 | 0.120 | 1 | 12.0 | 0.120 | 1 |
| 11.8 | 0.118 | 1 | 12.2 | 0.122 | 1 | 12.2 | 0.122 | 1 |
| 12.0 | 0.120 | 1 | 12.4 | 0.124 | 1 | 12.4 | 0.124 | 1 |
| 12.2 | 0.122 | 1 | 12.6 | 0.126 | 1 | 12.6 | 0.126 | 1 |
| 12.4 | 0.124 | 1 | 12.8 | 0.128 | 1 | 12.8 | 0.128 | 1 |
| 12.6 | 0.126 | 1 | 13.0 | 0.130 | 1 | 13.0 | 0.130 | 1 |
| 12.8 | 0.128 | 1 | 13.2 | 0.132 | 1 | 13.2 | 0.132 | 1 |
| 13.0 | 0.130 | 1 | 13.4 | 0.134 | 1 | 13.4 | 0.134 | 1 |
| 13.2 | 0.132 | 1 | 13.6 | 0.136 | 1 | 13.6 | 0.136 | 1 |
| 13.4 | 0.134 | 1 | 13.8 | 0.138 | 1 | 13.8 | 0.138 | 1 |
| 13.6 | 0.136 | 1 | 14.0 | 0.140 | 1 | 14.0 | 0.140 | 1 |
| 13.8 | 0.138 | 1 | 14.2 | 0.142 | 1 | 14.2 | 0.142 | 1 |
| 14.0 | 0.140 | 1 | 14.4 | 0.144 | 1 | 14.4 | 0.144 | 1 |
| 14.2 | 0.142 | 1 | 14.6 | 0.146 | 1 | 14.6 | 0.146 | 1 |
| 14.4 | 0.144 | 1 | 14.8 | 0.148 | 1 | 14.8 | 0.148 | 1 |
| 14.6 | 0.146 | 1 | 15.0 | 0.150 | 1 | 15.0 | 0.150 | 1 |
| 14.8 | 0.148 | 1 | 15.2 | 0.152 | 1 | 15.2 | 0.152 | 1 |
| 15.0 | 0.150 | 1 | 15.4 | 0.154 | 1 | 15.4 | 0.154 | 1 |
| 15.2 | 0.152 | 1 | 15.6 | 0.156 | 1 | 15.6 | 0.156 | 1 |
| 15.4 | 0.154 | 1 | 15.8 | 0.158 | 1 | 15.8 | 0.158 | 1 |
| 15.6 | 0.156 | 1 | 16.0 | 0.160 | 1 | 16.0 | 0.160 | 1 |
| 15.8 | 0.158 | 1 | 16.2 | 0.162 | 1 | 16.2 | 0.162 | 1 |
| 16.0 | 0.160 | 1 | 16.4 | 0.164 | 1 | 16.4 | 0.164 | 1 |
| 16.2 | 0.162 | 1 | 16.6 | 0.166 | 1 | 16.6 | 0.166 | 1 |
| 16.4 | 0.164 | 1 | 16.8 | 0.168 | 1 | 16.8 | 0.168 | 1 |
| 16.6 | 0.166 | 1 | 17.0 | 0.170 | 1 | 17.0 | 0.170 | 1 |
| 16.8 | 0.168 | 1 | 17.2 | 0.172 | 1 | 17.2 | 0.172 | 1 |
| 17.0 | 0.170 | 1 | 17.4 | 0.174 | 1 | 17.4 | 0.174 | 1 |
| 17.2 | 0.172 | 1 | 17.6 | 0.176 | 1 | 17.6 | 0.176 | 1 |
| 17.4 | 0.174 | 1 | 17.8 | 0.178 | 1 | 17.8 | 0.178 | 1 |
| 17.6 | 0.176 | 1 | 18.0 | 0.180 | 1 | 18.0 | 0.180 | 1 |
| 17.8 | 0.178 | 1 | 18.2 | 0.182 | 1 | 18.2 | 0.182 | 1 |
| 18.0 | 0.180 | 1 | 18.4 | 0.184 | 1 | 18.4 | 0.184 | 1 |
| 18.2 | 0.182 | 1 | 18.6 | 0.186 | 1 | 18.6 | 0.186 | 1 |
| 18.4 | 0.184 | 1 | 18.8 | 0.188 | 1 | 18.8 | 0.188 | 1 |
| 18.6 | 0.186 | 1 | 19.0 | 0.190 | 1 | 19.0 | 0.190 | 1 |
| 18.8 | 0.188 | 1 | 19.2 | 0.192 | 1 | 19.2 | 0.192 | 1 |
| 19.0 | 0.190 | 1 | 19.4 | 0.194 | 1 | 19.4 | 0.194 | 1 |
| 19.2 | 0.192 | 1 | 19.6 | 0.196 | 1 | 19.6 | 0.196 | 1 |
| 19.4 | 0.194 | 1 | 19.8 | 0.198 | 1 | 19.8 | 0.198 | 1 |
| 19.6 | 0.196 | 1 | 20.0 | 0.200 | 1 | 20.0 | 0.200 | 1 |
| 19.8 | 0.198 | 1 | 20.2 | 0.202 | 1 | 20.2 | 0.202 | 1 |
| 20.0 | 0.200 | 1 | 20.4 | 0.204 | 1 | 20.4 | 0.204 | 1 |
| 20.2 | 0.202 | 1 | 20.6 | 0.206 | 1 | 20.6 | 0.206 | 1 |
| 20.4 | 0.204 | 1 | 20.8 | 0.208 | 1 | 20.8 | 0.208 | 1 |
| 20.6 | 0.206 | 1 | 21.0 | 0.210 | 1 | 21.0 | 0.210 | 1 |
| 20.8 | 0.208 | 1 | 21.2 | 0.212 | 1 | 21.2 | 0.212 | 1 |
| 21.0 | 0.210 | 1 | 21.4 | 0.214 | 1 | 21.4 | 0.214 | 1 |
| 21.2 | 0.212 | 1 | 21.6 | 0.216 | 1 | 21.6 | 0.216 | 1 |
| 21.4 | 0.214 | 1 | 21.8 | 0.218 | 1 | 21.8 | 0.218 | 1 |
| 21.6 | 0.216 | 1 | 22.0 | 0.220 | 1 | 22.0 | 0.220 | 1 |
| 21.8 | 0.218 | 1 | 22.2 | 0.222 | 1 | 22.2 | 0.222 | 1 |
| 22.0 | 0.220 | 1 | 22.4 | 0.224 | 1 | 22.4 | 0.224 | 1 |
| 22.2 | 0.222 | 1 | 22.6 | 0.226 | 1 | 22.6 | 0.226 | 1 |
| 22.4 | 0.224 | 1 | 22.8 | 0.228 | 1 | 22.8 | 0.228 | 1 |
| 22.6 | 0.226 | 1 | 23.0 | 0.230 | 1 | 23.0 | 0.230 | 1 |
| 22.8 | 0.228 | 1 | 23.2 | 0.232 | 1 | 23.2 | 0.232 | 1 |
| 23.0 | 0.230 | 1 | 23.4 | 0.234 | 1 | 23.4 | 0.234 | 1 |
| 23.2 | 0.232 | 1 | 23.6 | 0.236 | 1 | 23.6 | 0.236 | 1 |
| 23.4 | 0.234 | 1 | 23.8 | 0.238 | 1 | 23.8 | 0.238 | 1 |
| 23.6 | 0.236 | 1 | 24.0 | 0.240 | 1 | 24.0 | 0.240 | 1 |
| 23.8 | 0.238 | 1 | 24.2 | 0.242 | 1 | 24.2 | 0.242 | 1 |
| 24.0 | 0.240 | 1 | 24.4 | 0.244 | 1 | 24.4 | 0.244 | 1 |
| 24.2 | 0.242 | 1 | 24.6 | 0.246 | 1 | 24.6 | 0.246 | 1 |
| 24.4 | 0.244 | 1 | 24.8 | 0.248 | 1 | 24.8 | 0.248 | 1 |
| 24.6 | 0.246 | 1 | 25.0 | 0.250 | 1 | 25.0 | 0.250 | 1 |
| 24.8 | 0.248 | 1 | 25.2 | 0.252 | 1 | 25.2 | 0.252 | 1 |
| 25.0 | 0.250 | 1 | 25.4 | 0.254 | 1 | 25.4 | 0.254 | 1 |
| 25.2 | 0.252 | 1 | 25.6 | 0.256 | 1 | 25.6 | 0.256 | 1 |
| 25.4 | 0.254 | 1 | 25.8 | 0.258 | 1 | 25.8 | 0.258 | 1 |
| 25.6 | 0.256 | 1 | 26.0 | 0.260 | 1 | 26.0 | 0.260 | 1 |
| 25.8 | 0.258 | 1 | 26.2 | 0.262 | 1 | 26.2 | 0.262 | 1 |
| 26.0 | 0.260 | 1 | 26.4 | 0.264 | 1 | 26.4 | 0.264 | 1 |
| 26.2 | 0.262 | 1 | 26.6 | 0.266 | 1 | 26.6 | 0.266 | 1 |
| 26.4 | 0.264 | 1 | 26.8 | 0.268 | 1 | 26.8 | 0.268 | 1 |
| 26.6 | 0.266 | 1 | 27.0 | 0.270 | 1 | 27.0 | 0.270 | 1 |
| 26.8 | 0.268 | 1 | 27.2 | 0.272 | 1 | 27.2 | 0.272 | 1 |
| 27.0 | 0.270 | 1 | 27.4 | 0.274 | 1 | 27.4 | 0.274 | 1 |
| 27.2 | 0.272 | 1 | 27.6 | 0.276 | 1 | 27.6 | 0.276 | 1 |
| 27.4 | 0.274 | 1 | 27.8 | 0.278 | 1 | 27.8 | 0.278 | 1 |
| 27.6 | 0.276 | 1 | 28.0 | 0.280 | 1 | 28.0 | 0.280 | 1 |
| 27.8 | 0.278 | 1 | 28.2 | 0.282 | 1 | 28.2 | 0.282 | 1 |
| 28.0 | 0.280 | 1 | 28.4 | 0.284 | 1 | 28.4 | 0.284 | 1 |
| 28.2 | 0.282 | 1 | 28.6 | 0.286 | 1 | 28.6 | 0.286 | 1 |
| 28.4 | 0.284 | 1 | 28.8 | 0.288 | 1 | 28.8 | 0.288 | 1 |
| 28.6 | 0.286 | 1 | 29.0 | 0.290 | 1 | 29.0 | 0.290 | 1 |
| 28.8 | 0.288 | 1 | 29.2 | 0.292 | 1 | 29.2 | 0.292 | 1 |
| 29.0 | 0.290 | 1 | 29.4 | 0.294 | 1 | 29.4 | 0.294 | 1 |
| 29.2 | 0.292 | 1 | 29.6 | 0.296 | 1 | 29.6 | 0.296 | 1 |
| 29.4 | 0.294 | 1 | 29.8 | 0.298 | 1 | 29.8 | 0.298 | 1 |
| 29.6 | 0.296 | 1 | 30.0 | 0.300 | 1 | 30.0 | 0.300 | 1 |
| 29.8 | 0.298 | 1 | 30.2 | 0.302 | 1 | 30.2 | 0.302 | 1 |
| 30.0 | 0.300 | 1 | 30.4 | 0.304 | 1 | 30.4 | 0.304 | 1 |
| 30.2 | 0.302 | 1 | 30.6 | 0.306 | 1 | 30.6 | 0.306 | 1 |
| 30.4 | 0.304 | 1 | 30.8 | 0.308 | 1 | 30.8 | 0.308 | 1 |
| 30 | | | | | | | | |

TABLE 13 Diabetes: Age and sex of 129 adults in Massachusetts registered as blind during the 12 months July 1, 1957-June 30, 1958.

| Age | Total | Male | Female |
|---------|-------|------|--------|
| Unknown | 8 | 1 | 7 |
| 20-29 | 7 | 6 | 1 |
| 30-39 | 11 | 11 | 0 |
| 40-49 | 6 | 4 | 2 |
| 50-59 | 16 | 6 | 10 |
| 60-69 | 54 | 14 | 40 |
| 70-79 | 25 | 5 | 20 |
| 80-89 | 2 | 0 | 2 |
| Total | 129 | 47 | 82 |

TABLE 14 Macula Degeneration: Age and sex of 85 adults in Massachusetts registered as blind during the 12 months July 1, 1957-June 30, 1958

| Age | Total | Male | Female |
|---------|-------|------|--------|
| Unknown | 11 | 3 | 8 |
| 20-29 | 0 | 0 | 0 |
| 30-39 | 2 | 1 | 1 |
| 40-49 | 1 | 1 | 0 |
| 50-59 | 5 | 1 | 4 |
| 60-69 | 4 | 0 | 4 |
| 70-79 | 24 | 10 | 14 |
| 80-89 | 35 | 15 | 20 |
| 90-99 | 3 | 1 | 2 |
| Total | 85 | 32 | 53 |

TABLE 15 Glaucoma: Age and sex of 120 adults in Massachusetts registered as blind during the 12 months July 1, 1957 to June 30, 1958.

| Age | Total | Male | Female |
|---------|-------|------|--------|
| Unknown | 19 | 12 | 7 |
| 20-29 | 0 | 0 | 0 |
| 30-39 | 2 | 1 | 1 |
| 40-49 | 4 | 1 | 3 |
| 50-59 | 8 | 4 | 4 |
| 60-69 | 21 | 8 | 13 |
| 70-79 | 37 | 19 | 18 |
| 80-89 | 24 | 6 | 18 |
| 90-99 | 5 | 3 | 2 |
| Total | 120 | 54 | 66 |

TABLE 16 Whereabouts of 241 pre-school blind children born 1952 and later on the Massachusetts Register of the Blind on June 30, 1958.

| Location | Number |
|-----------------------------|--------|
| At home | 124 |
| Nursery school | 22 |
| Public kindergarten | 10 |
| Private kindergarten | 3 |
| Perkins' kindergarten | 9 |
| Sight-saving class | 2 |
| Regular school | 1 |
| Ransome Greene Unit | 54 |
| Myles Standish State School | 1 |
| Foster homes | 3 |
| Out of State (temporarily) | 6 |
| In hospitals | 2 |
| Unknown | 4 |
| Total | 241 |

TABLE 17 Whereabouts of 680 blind children of school age born 1940 through 1951 on the Massachusetts Register of the Blind on June 30, 1958.

| Location | Number |
|---|--------|
| In regular schools | 180 |
| Perkins School for the Blind | 153 |
| Sight-Saving Classes | 97 |
| Braille classes | 26 |
| Regular school with tutor of Braille or readers | 20 |
| In regular kindergartens or nursery schools | 10 |
| At special facilities | 5 |
| At home---ill, retarded, working or left school-over 16 | 56 |
| Ransome Greene Unit of Walter E. Fernald State School | 88 |
| Wrentham State School | 15 |
| Monson State School | 13 |
| Belchertown State School | 11 |
| Myles Standish State School | 3 |
| Medfield State Hospital | 1 |
| Metropolitan State Hospital | 1 |
| New York Institute for the Blind | 1 |
| Total | 680 |

TABLE 18 Diagnoses of 680 blind children of school age born 1940 through 1951 on the Massachusetts Register of the Blind on June 30, 1958.

| Cause of Blindness | Number |
|---|--------|
| Panophthalmitis | 1 |
| Myopia | 35 |
| Albinism | 37 |
| Anophthalmos | 2 |
| Buphthalmos | 25 |
| Microphthalmos | 14 |
| Aniridia | 9 |
| Coloboma of iris | 4 |
| Congenital anomalies | 7 |
| Phthisis bulbi | 1 |
| Phlyctenular keratitis | 1 |
| Corneal opacities | 4 |
| Congenital cataracts | 71 |
| Dislocated lenses | 3 |
| Iritis | 1 |
| Iridocyclitis | 1 |
| Uveitis | 6 |
| Choroiditis | 2 |
| Chorioretinitis | 11 |
| Retrolental fibroplasia | 241 |
| Retinitis pigmentosa | 10 |
| Macular degeneration | 16 |
| Retinal degeneration | 4 |
| Macular dystrophy | 2 |
| Retinoblastoma | 8 |
| Aplasia of retina | 2 |
| Retinal cysts | 1 |
| Stippling of maculae | 1 |
| Optic nerve atrophy | 85 |
| Optic neuritis | 1 |
| Retrobulbar neuritis | 1 |
| Nystagmus | 39 |
| No report on site and type of affection | 34 |
| Total | 680 |

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1115

TABLE 19 Diagnoses of 67 children with defective sight, though not legally blind, referred to the Massachusetts Division of the Blind between July 1, 1957 and June 30, 1958.

| Cause of Blindness | Number |
|---|--------|
| Myopia (including myopic astigmatism) | 34 |
| Hyperopia (including hyperopic astigmatism) | 15 |
| Buphthalmos | 1 |
| Aniridia | 1 |
| Coloboma of iris | 1 |
| Congenital defect | 1 |
| Congenital cataracts | 5 |
| Atrophy of iris | 1 |
| Retrolental fibroplasia | 2 |
| Separated retina | 2 |
| Optic nerve atrophy | 1 |
| Nystagmus | 2 |
| No report on site and type of affection | 1 |
| Total | 67 |

TABLE 20 Diagnoses of 87 blind children added to the Massachusetts Register of the Blind between July 1, 1957 and June 30, 1958.

| Cause of Blindness | Number |
|---|--------|
| Secondary glaucoma | 1 |
| Myopia | 4 |
| Albinism | 5 |
| Anophthalmos | 1 |
| Buphthalmos | 3 |
| Microphthalmos | 3 |
| Aniridia | 2 |
| Congenital cataracts | 12 |
| Dislocated lenses | 2 |
| Uveitis | 1 |
| Chorioretinitis | 4 |
| Retrolental fibroplasia | 13 |
| Macular degeneration | 3 |
| Pigmentary degeneration | 2 |
| Optic atrophy | 15 |
| Nystagmus | 10 |
| No report on site and type of affection | 6 |
| Total | 87 |

TABLE 1. Summary of the results of the analysis of variance for the different factors of the experiment. The values in parentheses are the degrees of freedom.

| Source of variation | D.F. | Mean square | F-value | Prob. |
|---------------------|------|-------------|---------|-------|
| Between groups | 3 | 12.5 | 1.5 | 0.25 |
| Within groups | 12 | 8.3 | | |
| Total | 15 | | | |

TABLE 2. Summary of the results of the analysis of variance for the different factors of the experiment. The values in parentheses are the degrees of freedom.

| Source of variation | D.F. | Mean square | F-value | Prob. |
|---------------------|------|-------------|---------|-------|
| Between groups | 3 | 12.5 | 1.5 | 0.25 |
| Within groups | 12 | 8.3 | | |
| Total | 15 | | | |

TABLE 21 Diagnoses of 241 blind pre-school children born 1952 and later on the Massachusetts Register of the Blind on June 30, 1958.

| Cause of Blindness | Number |
|---|--------|
| Endophthalmitis | 1 |
| Albinism | 3 |
| Anophthalmos | 2 |
| Buphthalmos | 5 |
| Microphthalmos | 2 |
| Aniridia | 4 |
| Corneal opacities | 1 |
| Congenital cataracts | 28 |
| Dislocated lenses | 1 |
| Chorioretinitis | 2 |
| Pseudo glioma | 1 |
| Retinal hemorrhage | 1 |
| Retrolental fibroplasia | 133 |
| Retinoblastoma | 3 |
| Optic nerve atrophy | 33 |
| Nystagmus | 5 |
| No report on site and type of affection | 16 |
| Total | 241 |

TABLE 22 Cases of Retrolental Fibroplasia reported to the Massachusetts Division of the Blind according to year referred and birth year as of June 30, 1958.

| Year Born | Year Referred | | | | | | | | | | | | | | | | | | | Total Born Each Year | |
|--------------------------|---------------|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|-----|----------------------|-----|
| | '58 | '57 | '56 | '55 | '54 | '53 | '52 | '51 | '50 | '49 | '48 | '47 | '46 | '45 | '44 | '43 | '42 | '41 | '40 | '39 | '38 |
| 1958 | | | | | | | | | | | | | | | | | | | | | |
| 1957 | | 1 | | | | | | | | | | | | | | | | | | | 1 |
| 1956 | | 6 | 2 | | | | | | | | | | | | | | | | | | 8 |
| 1955 | 1 | 3 | 6 | 1 | | | | | | | | | | | | | | | | | 11 |
| 1954 | 1 | | 6 | 8 | 7 | | | | | | | | | | | | | | | | 22 |
| 1953 | 3 | 2 | 1 | 8 | 22 | 6 | | | | | | | | | | | | | | | 42 |
| 1952 | 4 | | 1 | 5 | 10 | 23 | 7 | | | | | | | | | | | | | | 50 |
| 1951 | | | | 1 | 2 | 5 | 19 | 6 | | | | | | | | | | | | | 33 |
| 1950 | | 1 | 1 | 2 | 1 | 3 | 9 | 9 | 6 | | | | | | | | | | | | 32 |
| 1949 | | | 1 | 2 | | | 3 | 1 | 12 | 7 | | | | | | | | | | | 26 |
| 1948 | | | | 2 | | 1 | | 4 | 2 | 17 | 5 | | | | | | | | | | 31 |
| 1947 | | | 3 | 1 | 1 | | | 1 | | 3 | 17 | 4 | | | | | | | | | 30 |
| 1946 | | 1 | | | | 1 | 1 | 1 | 1 | 3 | 9 | 9 | 2 | | | | | | | | 28 |
| 1945 | | | | | | | | 1 | 1 | | | 11 | | 4 | | | | | | | 17 |
| 1944 | | | | | | | | | 2 | | 2 | 2 | 1 | 11 | 1 | | | | | | 19 |
| 1943 | | | | | | | | | | | | 1 | 1 | 7 | | | | | | | 9 |
| 1942 | | | | 1 | | | | | | | | | | 3 | 1 | 1 | | | | | 6 |
| 1941 | | | | | | | | | 2 | | | | | 3 | | 1 | | | | | 6 |
| 1940 | | | | | | | | | | | | | | 1 | | 2 | | | | | 3 |
| 1939 | | | | | | | | | | | | | | | | | | | | | 0 |
| 1938 | | | | | | | | | | | | | | | | | | | | 1 | 1 |
| Total Referred Each Year | 9 | 14 | 21 | 30 | 44 | 39 | 39 | 23 | 24 | 32 | 33 | 27 | 4 | 29 | 2 | 4 | | | | 1 | 375 |

100

TABLE 23 Individuals removed from Massachusetts Register of the Blind during the 12 months July 1, 1957-June 30, 1958 by age and sex.

| Age | | Total | Male | Female |
|--------------|-----------|-------|------|--------|
| 1-9 | 1949-1958 | 33 | 14 | 19 |
| 10-19 | 1939-1948 | 15 | 8 | 7 |
| 20-29 | 1929-1938 | 15 | 7 | 8 |
| 30-39 | 1919-1928 | 24 | 12 | 12 |
| 40-49 | 1909-1918 | 31 | 18 | 13 |
| 50-59 | 1899-1908 | 38 | 17 | 21 |
| 60-69 | 1889-1898 | 119 | 55 | 64 |
| 70-79 | 1879-1888 | 147 | 56 | 91 |
| 80-89 | 1869-1878 | 205 | 75 | 130 |
| 90-99 | 1859-1868 | 53 | 11 | 42 |
| 100 and over | 1850-1858 | 4 | 0 | 4 |
| Unknown | | 9 | 4 | 5 |
| Total | | 693 | 277 | 416 |

DEPARTMENT OF EDUCATION

DIVISION OF LIBRARY EXTENSION

Report of the Board of Library Commissioners for the 1957-1958 year
To the Commissioner of Education:

The joys and values of reading and the important place of libraries in our democratic society were saluted officially across the nation during the first National Library Week, March 16-22, 1958. In a unique joint message released to mark the opening of this "first," Herbert Hoover and Harry S. Truman, the two living ex-presidents declared that "the right to think means the right to read," and reminded Americans that "print is our passport to truth." The Division Director served as an Adviser to the State Committee on National Library Week.

The past fiscal year has been one of steady achievement in the Division of Library Extension. The demands upon the public services of this agency have continued to increase. New activities and programs made possible by the federal grant-in-aid have broadened the scope of responsibilities and widened the sphere of influence of the state's library extension agency. It is exceedingly difficult to measure and evaluate the effectiveness of the Division's program. The following narrative report and summary outline of the office and field activities will highlight the services and activities planned either to supplement library service on the local level, or to promote study, discussion and planning for the improvement of the public, school, state and county institution libraries.

Board of Library Commissioners

In January 1958, Mr. Channing L. Bete, Board Chairman, was appointed by the U.S. Commissioner of Education to the National Advisory Committee on the Library Services Act. In this capacity, Mr. Bete will advise the U.S. Office of Education, Library Services Branch regarding problems involved in administering the federal legislation, and will consider and recommend essential studies on the values, methods and results of the library demonstrations and experiments carried on under this legislation.

Mr. Richard J. Sullivan, Secretary of the Board, was reappointed in March 1958 by Governor Foster Furcolo to another five-year term as a Library Commissioner. Mr. Sullivan is now the senior member of the Board having served as a Board member since 1942.

Library Legislation

The Massachusetts Library Development Committee held nine meetings during the year which were attended by members of the Board, the Division Director, Assistant Director and Supervisor of Field Services. In the fall of 1957, the Committee filed with the State Legislature a bill providing for state aid to public libraries House Bill No. 1100 which was introduced by Representative Irene K. Thresher of Newton. The bill was referred to the Committee on State Administration. At the hearing held on January 20, 1958, the Division Director appeared as a proponent of the legislation which was referred by the Committee to the next annual session.

The Board of Library Commissioners went on record as proponents of House Bill 174 to extend municipal group insurance to employees of corporate

libraries maintained by municipalities; and as opponents to Senate Bill 106 to provide an obscene literature control commission to assist the Attorney General in preventing the sale of obscene or other prohibited literature.

Library Services Act - Public Law 597

Congress appropriated \$5,000,000 for the implementation of the Library Services Act in fiscal 1958. This state's allotment was the basic \$40,000 plus \$38,487 or a total of \$78,487 which had to be earned by a matching expenditure from state funds of \$98,645 for the extension of public library service to rural areas.

Bookmobile service began to roll through the twenty-five rural communities served by the Northeast Regional Library Center in January 1958; and the bookmobile is now on a regular monthly schedule of local library and neighborhood stops.

Over thirty-five per-cent (35%) of the total allotment of federal funds was allocated to the purchase of books and related materials since the state appropriation for books has been hopelessly inadequate.

In October 1957, the Division began the publication of a Monthly Newsletter. Later in the year, the appearance of this mimeographed publication was improved considerably by the production of a printed masthead in tri-color. This publication has been received with warm enthusiasm by local librarians. The editors have also been the recipients of many laudatory letters concerning it from other state library extension agencies.

Federal funds made possible the addition of a Public Library Specialist to the Division's professional staff. Marie T. Sullivan was appointed to the position. In addition to doing advisory and consultative work with librarians and trustees of rural area libraries, Miss Sullivan is also co-editor of the Monthly Newsletter.

Mr. Wilfred Morin, Library Extension Specialist at the U.S. Office of Education, Library Services Branch visited the Division in October, 1957 and again in April, 1958 to discuss the progress of the State Plan for use of federal funds.

Public Library Development - Facts and Figures

Statistical reports for the calendar year 1957 were received from 353 of the state's 391 public libraries. Of the 38 libraries which did not submit a report, 28 are in communities of less than 5,000 inhabitants. The statewide per capita income for public library service was \$2.78; and the per capita circulation was 5.8 volumes. We did some statistical gymnastics with the per capita figures which should immediately point-up the unevenness of public library service in this state. The per capita public library income figured on all the state's communities of over 10,000 inhabitants is \$2.99. The per capita income for the state's communities of under 10,000 inhabitants is \$1.71. The tabulation below shows just how things line up per capitawise by population groupings:

| Population Group | Number of
Libraries Reporting | Per Capita
Library Income | Per Capita
Range | |
|------------------|----------------------------------|------------------------------|---------------------|-----|
| | | | High | Low |
| 100,000 and over | 5 of 5 | 4.43 | 5.85 | .83 |
| 50,000 - 99,999 | 14 of 14 | 2.35 | 5.95 | .88 |
| 25,000- 49,999 | 26 of 28 | 2.28 | 4.20 | .79 |
| 10,000 - 24,999 | 59 of 67 | 2.25 | 5.44 | .23 |
| 5,000 - 9,999 | 67 of 67 | 1.73 | 5.96 | .12 |
| 2,000 - 4,999 | 97 of 110 | 1.72 | 8.80 | .05 |
| 0 - 1,999 | 85 of 100 | 1.69 | 13.75 | .29 |
| | 353 of 391 | | | |

An important milestone in public library progress was reached when the State Library Association at its mid-winter meeting in 1958 adopted a statement on "systems" of libraries taken from the 1956 national standards of the American Library Association as a long-range objective for libraries in this state; and endorsed a set of state minimum standards for hours of service, book collections and personnel. In cooperation with regional library clubs and the Massachusetts Library Trustees Association, the Division has planned and directed four joint discussion meetings on "Systems"--the new approach to libraries and public library service.

The American Library Association's new national standards for public libraries have as their central theme the co-operative approach. The State Plan for the use of federal funds has as one of its over-all objectives: the stimulation and initiation of contracts with larger libraries--to utilize existing well-stocked and professionally-staffed libraries to the fullest in building improved library services in the smaller communities. The interlibrary cooperation picture in this state is brightest in the field of interlibrary loans. There is one very commendable and noteworthy effort in the area of cooperative purchasing of library supplies in Worcester County spear-headed by the Worcester and Fitchburg Public Libraries. In other areas of the state can be found a few spotty evidences of areas of cooperation in exchange of special book collections, rotation of exhibits, etc. The Division's staff are directing their efforts constantly toward the stimulation of cooperative activity among public libraries but in the long run and home stretch the local librarians and library trustees can do infinitely more in initiating cooperative action than any outside agency.

In fiscal 1958, the Division was able to supply 84% of the books requested on inter-library loan either from its own collection or through the public libraries in Arlington, Boston, Brookline, Lynn, Newton, Cambridge, Watertown, Springfield and New Bedford. Special libraries which cooperated in the inter-library loan activities are American Optical Company, American Antiquarian Society, Grand Lodge of Masons, Little Brown Insurance Library Association of Boston, Boston University, Boston Conservatory of Music, Wentworth Institute, Boston College, Harvard College, Suffolk University and Massachusetts Institute of Technology. An experiment in decentralization of inter-library loan was instituted in January with Springfield and New Bedford Public Libraries agreeing to supply titles not available at the Division to the towns in the Western and Southeastern Regions of the state. In addition, titles which are not available in cooperating libraries are listed in the Newsletter. This idea has met with enthusiastic response and a considerable number of titles have been located through this medium of advertising and lent to the requesting library by libraries large, small, and special all over the state.

Placement and Certification of Librarians

An examination for the certification of professional librarians was given on November 20, 1957. Of the twenty-one candidates who took the written test, nineteen passed and were issued certificates as professional librarians on the basis of examination. During the year, two professional certificates were awarded on the basis of graduation from an accredited library school and three sub-professional certificates were issued.

With the Division's referral service on placement of librarians were registered 83 librarians or persons interested in library positions and 55 position vacancies.

Massachusetts Library Aid Association

The Division Director as Chairman of the Committee on Aid to Libraries of the M.L.A.A. planned for and directed the expenditure of \$750 which provided scholarships of \$75.00 each to librarians or library assistants in Dudley, Halifax, Ipswich, Lynnfield, Pembroke, Plainfield, Plainville, Shelburne, Uxbridge and West Boxford. The scholarship recipients attended the three weeks summer session course in elementary library techniques offered at the University of New Hampshire.

Five hundred dollars was spent on books for the libraries at the Massachusetts Correctional Institutions at Walpole and Concord. The books were selected, purchased and processed by the Division's Chief of Book Services.

Massachusetts Library Aid Association funds were also used to defray the instructional cost for the course in Reference Work which was given at the Fitchburg Public Library from March 25 to May 27, 1958 by Miss Evelyn Weachter. The course was successfully completed by twenty-seven librarians and library assistants employed in small community libraries in the area.

School Libraries

The future of public school libraries on both the elementary and secondary levels is steadily strengthening. Feeble beginnings are being nurtured by the increased understanding and support of local school authorities and administrators. Many inert school library situations are being reactivated. The Division provided leadership and service in this important area through office consultations, school visits and correspondence. Corollary help in planning the physical facilities for new school libraries has been extended through three school library films which the Division owns and circulates. The importance of and standards of good library service have been projected in talks to school administrators, teachers and parent-teacher organizations.

Work with Other Agencies

In carrying out the Division's responsibility to improve statewide library service, the staff has reported activities and cooperation with many agencies and groups that hold similar ^{or} related interests. Among these are: Massachusetts Library Association, Massachusetts Library Trustees Association, Massachusetts Library Aid Association, all the regional library clubs and groups, the Division of University Extension, the Division of Elementary and Secondary Education, the Division of Teachers Colleges, the Massachusetts Department of Correction, the Commission on the Audit of State Needs, the Massachusetts Council for the Aging, the General Federation of Women's Clubs, Care, the World Affairs Council, National Book Committee, Adult Education Association, New England Citizens Crime Commission, New England Library Association Recruiting Committee, WGBH-TV, Simmons College School of Library Science, American Library Association, U.S. Department of Labor, Massachusetts Department of Commerce.

Facing the Future

The Division's staff deserves plaudits from all sides for performing their job responsibilities so well this past year under extremely difficult and most inefficient working conditions. Prior to the federal grant program

the Division's space problem at 200 Newbury Street was a serious one. An expanded program of services and activities was inaugurated with the funds allocated under the Library Services Act. The impact of this accelerated program has further aggravated a situation which had already reached the critical stage. To place the continuance of the Division's present program on an efficient basis and to allow for further widening of areas of present activities and services, additional appropriations must be made to provide this agency with more adequate headquarters.

OUTLINE OF SERVICES AND ACTIVITIES

July 1, 1957 - June 30, 1958

Information and Advisory Services:

- Collection, tabulation and compilation of public library statistics for calendar year 1957.
- Preparation and distribution of 68th Annual Report of the Board of Library Commissioners covering the state 1957 fiscal year.
- Preparation and distribution of ten issues of the Division Newsletter, three issues of Gadabout, news of Greenfield region activities, and two issues of Random Notes to School Librarians.
- Six hundred thirty-eight (638) office conferences with librarians, library trustees and persons interested in libraries.
- Thirty-four (34) comparative statistical tables on salaries, hours of work, and other standards of library service compiled upon special request.
- Eighty-three (83) librarians and fifty-five (55) position vacancies registered for placement assistance.
- Twenty (20) library surveys conducted.
- Collection, tabulation and compilation of statistics on public library building activities since 1950.
- Preparation and distribution of two film catalogs for the Greenfield region film circulation.

Book Services

From headquarters in Boston:

- Five-year cumulative issue of State Certificate Reading List compiled for printing.
- Monthly issues of Selected Buying List of Books for Adults, Young People and Children compiled and distributed.
- Three Adult Non-fiction Accession Lists issued.
- One hundred ninety-nine (199) collections of juvenile books furnished public and school libraries.
- Two hundred sixty-eight (268) collections of books in foreign languages lent to public libraries.
- Fifteen (15) book exhibits and twenty-eight (28) special bibliographies prepared.
- 35,776 books circulated by mail to public school and state institution libraries filling inter-library loan requests.
- Approximately 1,428 review copies of juvenile and young people's books received through the Book Liaison Committee of Publishers and Librarians
- 1,074 copies of the State Certificate Reading List and Supplements distributed.

6,359 Honor Certificates and 32,724 Five-Book Reading Certificates awarded.

Twenty-seven (27) showings of three films on the school library arranged for local school officials.

From the State Regional Library Centers:

| | <u>Fall River</u> | <u>Greenfield</u> | <u>North Reading</u> | <u>Pittsfield</u> | <u>Total</u> |
|----------------------------------|-------------------|-------------------|----------------------|-------------------|--------------|
| Miles traveled | | | | | |
| by bookmobile | 4,590 | 10,608 | 6,660 | 6,704 | 28,562 |
| Days of travel | 86 | 185 | 70 | 110 | 451 |
| Number of towns served | 19 | 38 | 25 | 36 | 118 |
| Reference requests | 255 | 2,020 | 284 | 4,954 | 7,513 |
| Books circulated | 34,890 | 130,616 | 29,945 | 94,508 | 289,959 |
| Film showings | - | 883 | - | - | - |
| Film discussion groups conducted | - | 8 | - | - | - |
| Attendance at film showings | - | 54,846 | - | - | - |

Field Service Activities:

Two hundred twenty-five (225) visits to public and school libraries, state institutions, and state regional library centers.

One hundred twenty-two (122) talks given by Division staff members at various group meetings.

Representation by one or more members of the staff at meetings of the American Library Association, Massachusetts Library Association, Massachusetts Library Trustees Association, Massachusetts Library Development Committee, Bay Path Library Club, Cape Cod Library Club, Boston Book Review Club, National Library Week Planning Committee, Connecticut Valley Library Club, Western Massachusetts Library Club, Boston Group of Catalogers and Classifiers, Round Table of Young Adults, Round Table of Children's Librarians, Division Directors of Department of Education, Department of Education - Committee on Junior Colleges, Massachusetts Library Aid Association, New Hampshire Library Association, New England Library Association, New England Extension Librarians Meeting, Massachusetts School Library Association, New England School Library Association, New England School Development Council, Merrimack Valley Library Association, Southern Worcester County Library Group, Catholic Library Association, Special Libraries Association, Women's National Book Association, Old Colony Library Club, Governor's Conference on Higher Education, North Shore Library Club, Old Dartmouth Library Club, Massachusetts Public Libraries Film Cooperative.

Special Training Activities for Practising Librarians:

Six book review sessions in the Greenfield Region.

One ten-week course on Reference Service held in Fitchburg area.

University Extension Course in Cataloging and Classification (Oct. 1957-Feb. 1958) at Harvard 52 enrollees.

University Extension Course in Reference (Feb.-June 1958) at Harvard
44 enrollees.

Correspondence Course in Cataloging and Classification inaugurated by
Division of University Extension. Over 70 students presently
enrolled.

Three Workshops on Planning for National Library Week - Greenfield
Region.

Workshop on Cataloging Problems - Greenfield Region.

Workshop on Educational Film Programs - Greenfield Region.

Two Workshops on Public Library Service to Children and Young People
conducted by Division's Children's Library Consultant and held
at Adams and Lenox.

Two Institutes on Budgets, Book Selection and Areas of Cooperation held
in Uxbridge and Hopkinton.

Three Workshops on Book Selection, Simple Library Cataloging and
Discarding held at Correctional Institutions in Walpole and
Framingham.

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RESEARCH & STATISTICS

THE COMMONWEALTH OF MASSACHUSETTS

Forty-fourth Annual Report of the Teachers' Retirement Board
for the period January 1, 1957, to December 31, 1957

In accordance with the provisions of Section 16, Chapter 15 of the General Laws, as amended by Section 4 of Chapter 658 of the Acts of 1945, the members of the Retirement System in November, 1957, re-elected Mr. Raymon W. Eldridge of Brookline to serve on the Retirement Board for the term of three years from December 1, 1957. Mr. Eldridge has been a member of the Board since December 1, 1951.

The Retirement Law was amended by Chapter 661 of the Acts of 1957, which provides a simplified formula for computing retirement allowances. The amendment took effect on May 31, 1957, and members of the Retirement System who were in service on that date will receive the retirement allowance under the provisions of the law immediately prior to that date or under the new formula, whichever is the greater.

During the year 1957 there were 3,442 teachers who entered the service of the public schools of Massachusetts for the first time and were required to become members of the Retirement System. There were five teachers in service prior to July 1, 1914, who voluntarily became members in 1957. There were also 955 former members who were reinstated as members. The deposits received for the year to be credited to the accounts of the members amounted to \$7,444,928.16. The net interest received on the investments was \$2,726,840.22. During the year, 1,957 teachers who had left the service withdrew their funds amounting to \$1,216,965.53. Payments amounting to \$314,982.73

were made to the beneficiaries or estates of members who died before retirement. On December 31, 1957, there were 31,402 members in active service with deductions and interest to their credit amounting to \$78,293,240.67. On December 31, 1957, there were also 2,367 teachers who had left the service without withdrawing their funds, which amount to \$1,521,173.83.

There were 363 superannuation and 2 disability retirements during the calendar year 1957. The annual retirement allowances of these persons amounted to \$1,128,325.56, of which \$201,144.00 was annuity derived from the deductions and interest which they had to their credit at retirement, and the balance, \$927,181.56 was pension payable from State appropriations.

In addition ten of the retired members who died during the year had elected the Option (c) form of retirement allowance and, in accordance with the provisions of that option, their beneficiaries became entitled to annual retirement allowances the total of which amounted to \$18,158.28, of which \$3,911.76 was annuity and \$14,246.52 was pension. Five of the members who died before retirement had appointed a member survivor allowance beneficiary under Section 12 (2) Option (d) and, in accordance with that option, their beneficiaries became entitled to annual retirement allowances amounting to \$9,683.04, of which \$3,426.60 was annuity and \$6,256.44 was pension. In the case of twenty-five other persons who died prior to retirement, the spouse of the deceased members elected to receive a member survivor allowance under said Section 12 (2) Option (d), instead of the cash refund of the amount the member had to his credit in the Retirement Fund. The annual retirement allowances of these persons amounted to \$18,530.88, of which \$4,902.48 was annuity and \$13,628.40 was pension.

[Faint, illegible text spanning the page, likely bleed-through from the reverse side. The text appears to be organized into several paragraphs, with some lines starting with dashes or bullet points.]

On December 31, 1957, there were 5,060 retired members living and their retirement allowances amounted to \$10,992,224.64, of which \$2,163,342.84 was annuity derived from the deductions and interest to their credit at retirement, and \$8,828,881.80 was pension payable from State appropriations. Of these, one hundred and fifty were receiving disability retirement allowances amounting to \$194,265.84, of which \$30,414.36 was annuity derived from the deductions and interest to their credit at retirement, and \$163,851.48, was pension payable from State appropriations. There is also included a spouse of a member receiving an accidental death benefit which with a dependent allowance amounts to \$4,491.12. In addition, there were fifty-six beneficiaries of members receiving Option (c) member survivor allowance payments. Their retirement allowances amounted to \$79,160.28, of which \$18,955.92 was annuity and \$60,204.36 was pension. There were also fifty-three persons appointed by members as beneficiaries who were receiving Option (d) member survivor allowance payments. Their retirement allowances amounted to \$69,804.84, of which \$23,740.32 was annuity and \$46,064.52 was pension. There were also one hundred and forty persons, who, as the spouse of members who died before retirement, elected a member survivor allowance under Section 12 (2) Option (d) and their annual retirement allowances amounted to \$110,348.88, of which \$31,522.20 was annuity and \$78,826.68 was pension.

On December 31, 1957, the estimated amount of reimbursement to be paid by the Commonwealth on account of pensions of teachers

The first part of the paper is devoted to a general discussion of the problem of the origin of life. It is shown that the problem is one of the most important and most difficult in the history of science. The second part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and most difficult in the history of science. The third part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and most difficult in the history of science. The fourth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and most difficult in the history of science. The fifth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and most difficult in the history of science. The sixth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and most difficult in the history of science. The seventh part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and most difficult in the history of science. The eighth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and most difficult in the history of science. The ninth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and most difficult in the history of science. The tenth part of the paper is devoted to a detailed discussion of the problem of the origin of life. It is shown that the problem is one of the most important and most difficult in the history of science.

- 4 -

retired under the local systems was as follows:

| | |
|--------------------------------|-----------------|
| Boston School Committee | 282,680.16 |
| Boston Retirement Board | 215,182.89 |
| State-Boston Retirement System | 1,720,350.87 |
| Brookline | 4,526.21 |
| Milton | 4,110.20 |
| Pittsfield | 1,200.00 |
| Wellesley | 3,005.45 |
| Cambridge | <u>6,821.36</u> |
| | 2,237,877.14 |

Respectfully submitted,

Owen B. Kiernan, Commissioner
Raymon W. Eldridge
Mildred B. Jenks

UNITED STATES GOVERNMENT, STATE AND MUNICIPAL BONDS

| Description | Rate
(Per Cent) | Par Value | Amortized Value
Dec. 31, 1957 | Accrued Int.
Dec. 31, 1957 |
|------------------------|--------------------|------------|----------------------------------|-------------------------------|
| Alabama, State of | 4 | 40,000.00 | 39,980.65 | 533.33 |
| Boston, Mass. | 3 | 420,000.00 | 471,582.80 | 1,050.00 |
| Boston, Mass. | 4 | 254,900.00 | 249,038.28 | 3,379.00 |
| Boston, Mass. | 4 $\frac{1}{4}$ | 60,000.00 | 59,181.56 | 1,133.33 |
| Chelsea, Mass. | 3 $\frac{1}{8}$ | 44,000.00 | 44,208.17 | 601.66 |
| Chelsea, Mass. | 4 | 44,000.00 | 44,499.15 | 636.66 |
| Cleveland, Ohio | 4 $\frac{1}{2}$ | 10,000.00 | 10,423.30 | 75.00 |
| Cleveland, Ohio | 5 | 50,000.00 | 52,850.36 | 833.33 |
| Dallas, Texas | 4 $\frac{1}{2}$ | 40,000.00 | 39,865.25 | 750.00 |
| Dayton, Ohio | 4 $\frac{3}{4}$ | 17,000.00 | 17,037.80 | 201.87 |
| Denver, Colo. | 4 $\frac{1}{2}$ | 40,000.00 | 40,614.87 | 141.67 |
| Des Moines, Iowa | 5 | 25,000.00 | 26,726.53 | 104.17 |
| East Chelmsford, Mass. | 4 | 6,000.00 | 6,016.33 | 80.01 |
| Fort Worth, Texas | 4 $\frac{1}{2}$ | 30,000.00 | 30,164.78 | 531.25 |
| Fresno, Calif. | 4 $\frac{1}{2}$ | 50,000.00 | 52,136.49 | 1,118.75 |
| Huntington, W. Va. | 4 $\frac{1}{2}$ | 13,000.00 | 13,018.66 | 292.50 |
| Leominster, Mass. | 5 | 4,000.00 | 4,004.57 | 33.33 |
| Long Beach, Calif. | 4 | 90,000.00 | 96,733.12 | 300.00 |
| Long Beach, Calif. | 5 | 95,000.00 | 100,263.77 | 395.83 |
| Los Angeles, Calif. | 4 $\frac{1}{2}$ | 100,000.00 | 100,574.88 | 1,125.00 |
| Los Angeles, Calif. | 5 | 13,000.00 | 13,166.14 | 270.83 |
| Louisiana, State of | 5 | 5,000.00 | 5,013.66 | 83.33 |

THE JOURNAL OF THE
SOCIETY OF AMERICAN ARCHITECTS

| Year | Volume | Number | Page | Author |
|------|--------|--------|------|------------------|
| 1901 | 1 | 1 | 1 | John S. Appleton |
| 1902 | 2 | 1 | 1 | John S. Appleton |
| 1903 | 3 | 1 | 1 | John S. Appleton |
| 1904 | 4 | 1 | 1 | John S. Appleton |
| 1905 | 5 | 1 | 1 | John S. Appleton |
| 1906 | 6 | 1 | 1 | John S. Appleton |
| 1907 | 7 | 1 | 1 | John S. Appleton |
| 1908 | 8 | 1 | 1 | John S. Appleton |
| 1909 | 9 | 1 | 1 | John S. Appleton |
| 1910 | 10 | 1 | 1 | John S. Appleton |
| 1911 | 11 | 1 | 1 | John S. Appleton |
| 1912 | 12 | 1 | 1 | John S. Appleton |
| 1913 | 13 | 1 | 1 | John S. Appleton |
| 1914 | 14 | 1 | 1 | John S. Appleton |
| 1915 | 15 | 1 | 1 | John S. Appleton |
| 1916 | 16 | 1 | 1 | John S. Appleton |
| 1917 | 17 | 1 | 1 | John S. Appleton |
| 1918 | 18 | 1 | 1 | John S. Appleton |
| 1919 | 19 | 1 | 1 | John S. Appleton |
| 1920 | 20 | 1 | 1 | John S. Appleton |
| 1921 | 21 | 1 | 1 | John S. Appleton |
| 1922 | 22 | 1 | 1 | John S. Appleton |
| 1923 | 23 | 1 | 1 | John S. Appleton |
| 1924 | 24 | 1 | 1 | John S. Appleton |
| 1925 | 25 | 1 | 1 | John S. Appleton |
| 1926 | 26 | 1 | 1 | John S. Appleton |
| 1927 | 27 | 1 | 1 | John S. Appleton |
| 1928 | 28 | 1 | 1 | John S. Appleton |
| 1929 | 29 | 1 | 1 | John S. Appleton |
| 1930 | 30 | 1 | 1 | John S. Appleton |
| 1931 | 31 | 1 | 1 | John S. Appleton |
| 1932 | 32 | 1 | 1 | John S. Appleton |
| 1933 | 33 | 1 | 1 | John S. Appleton |
| 1934 | 34 | 1 | 1 | John S. Appleton |
| 1935 | 35 | 1 | 1 | John S. Appleton |
| 1936 | 36 | 1 | 1 | John S. Appleton |
| 1937 | 37 | 1 | 1 | John S. Appleton |
| 1938 | 38 | 1 | 1 | John S. Appleton |
| 1939 | 39 | 1 | 1 | John S. Appleton |
| 1940 | 40 | 1 | 1 | John S. Appleton |
| 1941 | 41 | 1 | 1 | John S. Appleton |
| 1942 | 42 | 1 | 1 | John S. Appleton |
| 1943 | 43 | 1 | 1 | John S. Appleton |
| 1944 | 44 | 1 | 1 | John S. Appleton |
| 1945 | 45 | 1 | 1 | John S. Appleton |
| 1946 | 46 | 1 | 1 | John S. Appleton |
| 1947 | 47 | 1 | 1 | John S. Appleton |
| 1948 | 48 | 1 | 1 | John S. Appleton |
| 1949 | 49 | 1 | 1 | John S. Appleton |
| 1950 | 50 | 1 | 1 | John S. Appleton |

| | | | | |
|-----------------------|-----------------|------------|------------|----------|
| Met. Water | 4 | 5,000.00 | 5,000.00 | 100.00 |
| Nashville, Tenn. | 4 $\frac{1}{2}$ | 50,000.00 | 50,058.97 | 1,125.00 |
| New Jersey, State of | 4 $\frac{1}{2}$ | 20,000.00 | 20,013.64 | 450.00 |
| New York, State of | 4 $\frac{1}{2}$ | 600.00 | 604.39 | 9.00 |
| Newport, R. I. | 4 | 41,000.00 | 41,000.00 | 683.34 |
| Newport News, Va. | 4 $\frac{3}{4}$ | 50,000.00 | 50,081.17 | 1,187.50 |
| North Carolina | 4 $\frac{1}{2}$ | 35,000.00 | 35,196.51 | 731.25 |
| Norwalk, Ct. | 3 $\frac{3}{4}$ | 20,000.00 | 18,890.13 | 156.24 |
| Norwalk, Ct. | 4 | 32,000.00 | 31,036.69 | 373.33 |
| Pasadena, Calif. | 4 $\frac{1}{2}$ | 16,000.00 | 16,026.01 | 300.00 |
| Pasadena, Calif. | 4 $\frac{3}{4}$ | 15,000.00 | 16,249.34 | 296.87 |
| Pasadena, Calif. | 5 | 5,000.00 | 5,493.71 | 41.67 |
| Paxton, Mass. | 4 | 16,000.00 | 16,203.15 | 266.65 |
| Providence, R. I. | 4 | 61,000.00 | 60,825.05 | 553.33 |
| Providence, R. I. | 4 $\frac{1}{4}$ | 170,000.00 | 170,269.40 | 2,762.50 |
| Providence, R. I. | 4 $\frac{1}{2}$ | 125,000.00 | 126,666.11 | 2,343.75 |
| Richmond, Va. | 4 $\frac{1}{4}$ | 155,000.00 | 156,370.46 | 3,293.75 |
| Richmond, Va. | 4 $\frac{1}{2}$ | 290,000.00 | 293,521.36 | 6,325.00 |
| Rochester, N.Y. | 5 | 10,000.00 | 10,146.18 | 208.33 |
| San Diego, Calif. | 4 | 61,000.00 | 62,063.25 | 1,220.00 |
| San Diego, Calif. | 4 $\frac{1}{2}$ | 25,000.00 | 25,881.63 | 93.75 |
| San Diego, Calif. | 5 | 15,000.00 | 15,000.00 | 375.00 |
| San Francisco, Calif. | 4 $\frac{1}{2}$ | 75,000.00 | 81,310.59 | 1,687.50 |
| San Francisco, Calif. | 5 | 55,000.00 | 55,735.85 | 916.67 |
| San Francisco, Calif. | 5 $\frac{3}{4}$ | 50,000.00 | 50,807.27 | 239.58 |

| | | | | |
|----------------------------|-------|---------------|---------------|------------|
| Santa Monica, Calif. | 4 3/4 | 10,000.00 | 10,490.57 | 39.58 |
| Santa Monica, Calif. | 5 | 43,000.00 | 43,345.21 | 820.83 |
| Springfield, Mass. | 3 3/4 | 65,000.00 | 65,229.68 | 203.12 |
| Tampa, Fla. | 4 | 50,000.00 | 49,740.37 | 333.33 |
| Tennessee, State of | 5 1/2 | 25,000.00 | 26,432.03 | 687.50 |
| U.S. Treasury (Series G) | 2 1/2 | 2,504,000.00 | 2,504,000.00 | 21,700.00 |
| U.S. Treasury | 2 1/4 | 3,636,375.00 | 3,636,888.70 | 16,269.95 |
| U.S. Treasury | 2 3/8 | 1,000,000.00 | 997,904.62 | 989.58 |
| U.S. Treasury | 2 1/2 | 16,546,000.00 | 16,332,021.95 | 110,306.25 |
| U.S. Treasury | 2 3/4 | 29,819,000.00 | 30,172,853.66 | 205,578.54 |
| U.S. Treasury | 3 | 4,429,000.00 | 4,447,846.81 | 49,826.25 |
| U.S. Treasury | 3 1/4 | 1,050,000.00 | 1,053,019.41 | 1,489.58 |
| U.S. Treasury Cert. | 3 3/4 | 2,125,000.00 | 2,125,000.00 | 6,567.65 |
| U.S. Investment (Series A) | 2 1/2 | 460,000.00 | 460,000.00 | 2,875.00 |
| U.S. Treasury Bills | 3.10 | 1,000,000.00 | 996,759.44 | — |
| Walpole, Mass. | 3 1/2 | 10,000.00 | 9,645.10 | 145.84 |
| Waterbury, Conn. | 4 1/4 | 1,000.00 | 999.06 | 21.25 |
| TOTAL | | 65,621,875.00 | 65,863,688.99 | 457,505.11 |

| | | | | |
|--------------------------------------|-------|------------|------------|----------|
| ma Power Co. | 3 1/4 | 200,000.00 | 203,312.18 | 2,166.67 |
| ma Power Co. | 3 3/8 | 100,000.00 | 102,407.61 | 843.75 |
| ma Power Co. | 3 1/2 | 200,000.00 | 205,234.83 | 1,895.83 |
| ma Power Co. | 4 1/8 | 78,000.00 | 79,539.65 | 536.25 |
| um Co. of America | 4 1/4 | 100,000.00 | 100,000.00 | 2,125.00 |
| el. & Tel. Co. | 2 5/8 | 100,000.00 | 97,635.79 | 1,312.50 |
| el. & Tel. Co. | 2 3/4 | 250,000.00 | 245,209.94 | 2,406.25 |
| el. & Tel. Co. | 3 1/4 | 250,000.00 | 255,865.28 | 2,369.79 |
| el. & Tel. Co. | 3 7/8 | 500,000.00 | 513,460.61 | 9,637.50 |
| el. & Tel. Co. | 4 3/8 | 400,000.00 | 404,764.90 | 4,375.00 |
| more Gas & Elec. Co. | 3 1/4 | 200,000.00 | 201,448.96 | 541.67 |
| more & Ohio R. R.
ment Bonds | 3 1/4 | 150,000.00 | 150,000.00 | 2,437.50 |
| more & Ohio R. R.
ment Bonds | 3 5/8 | 100,000.00 | 100,070.49 | 1,812.50 |
| Tel. of Pa. | 3 1/4 | 150,000.00 | 151,641.57 | 1,625.00 |
| n Edison Co. | 2 3/4 | 200,000.00 | 204,259.35 | 1,375.00 |
| n Edison Co. | 3 | 200,000.00 | 202,205.42 | 2,500.00 |
| n Edison Co. | 3 1/8 | 150,000.00 | 150,640.36 | 2,343.75 |
| n Edison Co. | 4 5/8 | 500,000.00 | 507,676.32 | 1,927.08 |
| .Oregon Power Co. | 3 7/8 | 100,000.00 | 101,290.16 | 645.83 |
| al Maine Power Co. | 3 1/8 | 246,000.00 | 248,797.30 | 640.63 |
| al Maine Power Co. | 3 5/8 | 100,000.00 | 100,905.70 | 1,208.33 |
| al Power & Light Co.
uthern Texas | 3 1/4 | 100,000.00 | 100,919.99 | 1,354.17 |
| peake & Ohio R. R.
ment Bonds | 2 1/8 | 100,000.00 | 99,047.97 | 1,062.50 |
| peake & Ohio R. R.
ment Bonds | 3 | 300,000.00 | 292,399.15 | 3,249.99 |
| peake & Ohio R. R.
ment Bonds | 3 7/8 | 100,000.00 | 100,000.00 | 721.18 |

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| Peoples & Potomac
Co. | 3 1/4 | 100,000.00 | 102,767.09 | 1,354.17 |
| Co., Burlington &
R.R. Equip. Bonds | 2 5/8 | 100,000.00 | 98,820.42 | 1,312.50 |
| Co., Burlington &
R.R. Equip. Bonds | 2 7/8 | 100,000.00 | 96,562.88 | 1,397.57 |
| Co., Burlington &
R.R. Equip. Bonds | 3 1/8 | 250,000.00 | 250,355.51 | 3,255.20 |
| land Elec. Ill. Co. | 2 3/4 | 200,000.00 | 191,978.44 | 1,833.34 |
| land Elec. Ill. Co. | 3 | 250,000.00 | 252,706.21 | 1,250.00 |
| land Elec. Ill. Co. | 3 3/8 | 100,000.00 | 102,122.62 | 281.25 |
| us & Southern Ohio
rie Co. | 3 3/4 | 200,000.00 | 205,283.29 | 1,875.00 |
| wealth Edison Co. | 3 | 200,000.00 | 200,711.78 | 1,000.00 |
| wealth Edison Co. | 4 1/4 | 200,000.00 | 200,000.00 | 2,833.33 |
| Light & Power Co. | 2 3/4 | 100,000.00 | 93,233.02 | 458.33 |
| Light & Power Co. | 3 | 100,000.00 | 101,132.81 | 750.00 |
| Light & Power Co. | 3 1/4 | 250,000.00 | 248,802.29 | 677.08 |
| Edison Co. of N.Y. | 2 3/4 | 300,000.00 | 289,881.89 | 2,062.50 |
| Edison Co. of N.Y. | 3 1/4 | 200,000.00 | 204,949.79 | 1,083.33 |
| Edison Co. of N.Y. | 3 3/8 | 650,000.00 | 663,174.85 | 7,734.37 |
| Edison Co. of N.Y. | 3 1/2 | 150,000.00 | 153,026.93 | 2,187.50 |
| ies, Elec. Light and
Co. Baltimore, Md. | 2 3/4 | 250,000.00 | 247,593.70 | 3,151.04 |
| ies, Elec. Light and
Co. Baltimore, Md. | 3 | 300,000.00 | 301,838.16 | 4,125.00 |
| ers Power Co. | 2 7/8 | 300,000.00 | 300,544.44 | 2,875.00 |
| ers Power Co. | 4 | 400,000.00 | 403,905.36 | 6,666.67 |
| Power & Light Co. | 3 1/2 | 200,000.00 | 204,041.04 | 2,333.34 |
| Power & Light Co. | 4 1/4 | 200,000.00 | 201,658.82 | 708.33 |
| Power & Light Co. | 2 3/4 | 100,000.00 | 102,007.21 | 687.50 |
| Power & Light Co. | 3 | 250,000.00 | 250,583.46 | 2,500.00 |

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| 2016 | 2017 | 2018 | 2019 | 2020 |
| 2021 | 2022 | 2023 | 2024 | 2025 |

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| Power & Light Co. | 5 | 250,000.00 | 251,235.99 | 2,083.33 |
| Edison Co. | 2 3/4 | 100,000.00 | 101,925.48 | 916.67 |
| Edison Co. | 2 7/8 | 250,000.00 | 248,276.15 | 2,096.35 |
| Edison Co. | 3 1/4 | 200,000.00 | 200,000.00 | 612.50 |
| Edison Co. | 3 3/8 | 200,000.00 | 202,933.83 | 813.75 |
| Light Co. | 2 3/4 | 300,000.00 | 289,750.19 | 3,437.49 |
| Light Co. | 3 1/8 | 250,000.00 | 251,276.04 | 3,906.25 |
| Light Co. | 3 5/8 | 100,000.00 | 101,760.63 | 1,208.33 |
| Motors | 3 1/4 | 200,000.00 | 202,663.48 | 3,250.00 |
| Tel. Co. of Calif. | 4 1/2 | 200,000.00 | 202,931.00 | 3,000.00 |
| Tel. Co. of Calif. | 5 | 300,000.00 | 310,000.00 | 1,250.00 |
| Power Co. | 2 7/8 | 100,000.00 | 102,245.81 | 718.75 |
| Light & Power Co. | 3 1/4 | 100,000.00 | 101,107.61 | 1,083.33 |
| Bell Tel. Co. | 3 | 200,000.00 | 201,334.16 | 500.00 |
| Bell Tel. Co. | 3 1/8 | 300,000.00 | 302,231.23 | 2,343.75 |
| Bell Tel. Co. | 4 1/4 | 250,000.00 | 253,406.08 | 3,541.67 |
| & Michigan Elec. Co. | 3 1/4 | 100,000.00 | 102,882.82 | 1,625.00 |
| ional Bank for
uction & Develop. | 4 1/4 | 100,000.00 | 98,034.28 | 708.33 |
| ity Power & Light Co. | 2 3/4 | 100,000.00 | 99,343.91 | 229.17 |
| ity Power & Light Co. | 3 1/4 | 100,000.00 | 102,371.82 | 1,218.75 |
| land Lighting Co. | 3 3/8 | 200,000.00 | 202,714.41 | 1,125.00 |
| empire Authority | 3.30 | 50,000.00 | 50,000.00 | 275.00 |
| rk Power Elec. Co. | 5 5/8 | 60,000.00 | 61,088.34 | 562.50 |
| litan Edison Co. | 3 1/8 | 100,000.00 | 101,627.45 | 781.25 |
| a Bell Tel. Co. | 4 3/8 | 250,000.00 | 255,578.59 | 911.46 |
| a Bell Tel. Co. | 4 3/4 | 25,000.00 | 27,030.37 | 197.92 |
| hala Power Co.,
rginia | 3 5/8 | 100,000.00 | 102,115.77 | 302.08 |
| Power Co. | 2 7/8 | 250,000.00 | 244,438.56 | 1,796.87 |

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| 636 | 637 | 638 | 639 | 640 |
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| 666 | 667 | 668 | 669 | 670 |
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| 676 | 677 | 678 | 679 | 680 |
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| 736 | 737 | 738 | 739 | 740 |
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| 746 | 747 | 748 | 749 | 750 |
| 751 | 752 | 753 | 754 | 755 |
| 756 | 757 | 758 | 759 | 760 |
| 761 | 762 | 763 | 764 | 765 |
| 766 | 767 | 768 | 769 | 770 |
| 771 | 772 | 773 | 774 | 775 |
| 776 | 777 | 778 | 779 | 780 |
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| 971 | 972 | 973 | 974 | 975 |
| 976 | 977 | 978 | 979 | 980 |
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| 996 | 997 | 998 | 999 | 1000 |

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|------------------------------|-------|--------------|--------------|-----------|
| Power Co. | 3 1/8 | 100,000.00 | 102,447.80 | 520.83 |
| Main State Tel. & Tel. Co. | 3 | 150,000.00 | 151,531.64 | 1,875.00 |
| Main State Tel. & Tel. Co. | 3 1/8 | 125,000.00 | 125,840.38 | 976.56 |
| Main State Tel. & Tel. Co. | 3 1/2 | 325,000.00 | 323,264.92 | 947.92 |
| Main State Tel. & Tel. Co. | 4 3/8 | 300,000.00 | 303,767.81 | 5,468.75 |
| Gannett Elec. Co. | 3 1/2 | 400,000.00 | 408,058.25 | 4,666.66 |
| Power Co. | 2 7/8 | 100,000.00 | 101,784.29 | 1,197.92 |
| Power Co. | 3 | 500,000.00 | 503,825.16 | 7,500.00 |
| Tel & Tel. Co. | 3 | 350,000.00 | 358,698.39 | 3,062.50 |
| Tel. & Tel. Co. | 3 1/4 | 450,000.00 | 455,073.00 | 1,557.29 |
| Tel. & Tel. Co. | 4 3/4 | 200,000.00 | 204,696.47 | 4,750.00 |
| Bell Tel. Co. | 2 3/4 | 100,000.00 | 96,952.93 | 802.08 |
| Bell Tel. Co. | 3 | 200,000.00 | 201,871.28 | 1,000.00 |
| Bell Tel. Co. | 3 1/8 | 250,000.00 | 256,699.49 | 3,580.73 |
| Bell Tel. Co. | 4 7/8 | 1,325,000.00 | 1,326,932.55 | 21,531.25 |
| Chicago & St. Louis
Bonds | 3 3/8 | 200,000.00 | 200,292.46 | 562.50 |
| Power & Light Co. | 2 3/4 | 200,000.00 | 196,748.35 | 1,833.34 |
| State Elec. & Gas Co. | 3 1/4 | 100,000.00 | 102,229.12 | 941.67 |
| State Elec. & Gas Co. | 3 3/8 | 225,000.00 | 230,099.70 | 2,531.25 |
| Tel. Co. | 2 3/4 | 200,000.00 | 183,330.79 | 2,520.83 |
| Tel. Co. | 3 | 150,000.00 | 151,536.01 | 937.50 |
| Tel. Co. | 3 1/8 | 250,000.00 | 252,724.20 | 3,255.21 |
| Tel. Co. | 4 1/2 | 300,000.00 | 305,209.72 | 1,687.50 |
| Mohawk Power Corp. | 2 3/4 | 200,000.00 | 202,916.97 | 2,750.00 |
| Mohawk Power Corp. | 3 1/4 | 200,000.00 | 201,134.85 | 1,625.00 |
| Mohawk Power Corp. | 3 3/8 | 200,000.00 | 203,128.39 | 562.50 |
| Mohawk Power Corp. | 3 1/2 | 150,000.00 | 152,357.94 | 2,187.50 |
| Mohawk Power Corp. | 3 5/8 | 150,000.00 | 151,994.21 | 906.25 |

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| 589 | 590 | 591 | 592 |
| 593 | 594 | 595 | 596 |
| 597 | 598 | 599 | 600 |
| 601 | 602 | 603 | 604 |
| 605 | 606 | 607 | 608 |
| 609 | 610 | 611 | 612 |
| 613 | 614 | 615 | 616 |
| 617 | 618 | 619 | 620 |
| 621 | 622 | 623 | 624 |
| 625 | 626 | 627 | 628 |
| 629 | 630 | 631 | 632 |
| 633 | 634 | 635 | 636 |
| 637 | 638 | 639 | 640 |
| 641 | 642 | 643 | 644 |
| 645 | 646 | 647 | 648 |
| 649 | 650 | 651 | 652 |
| 653 | 654 | 655 | 656 |
| 657 | 658 | 659 | 660 |
| 661 | 662 | 663 | 664 |
| 665 | 666 | 667 | 668 |
| 669 | 670 | 671 | 672 |
| 673 | 674 | 675 | 676 |
| 677 | 678 | 679 | 680 |
| 681 | 682 | 683 | 684 |
| 685 | 686 | 687 | 688 |
| 689 | 690 | 691 | 692 |
| 693 | 694 | 695 | 696 |
| 697 | 698 | 699 | 700 |
| 701 | 702 | 703 | 704 |
| 705 | 706 | 707 | 708 |
| 709 | 710 | 711 | 712 |
| 713 | 714 | 715 | 716 |
| 717 | 718 | 719 | 720 |
| 721 | 722 | 723 | 724 |
| 725 | 726 | 727 | 728 |
| 729 | 730 | 731 | 732 |
| 733 | 734 | 735 | 736 |
| 737 | 738 | 739 | 740 |
| 741 | 742 | 743 | 744 |
| 745 | 746 | 747 | 748 |
| 749 | 750 | 751 | 752 |
| 753 | 754 | 755 | 756 |
| 757 | 758 | 759 | 760 |
| 761 | 762 | 763 | 764 |
| 765 | 766 | 767 | 768 |
| 769 | 770 | 771 | 772 |
| 773 | 774 | 775 | 776 |
| 777 | 778 | 779 | 780 |
| 781 | 782 | 783 | 784 |
| 785 | 786 | 787 | 788 |
| 789 | 790 | 791 | 792 |
| 793 | 794 | 795 | 796 |
| 797 | 798 | 799 | 800 |
| 801 | 802 | 803 | 804 |
| 805 | 806 | 807 | 808 |
| 809 | 810 | 811 | 812 |
| 813 | 814 | 815 | 816 |
| 817 | 818 | 819 | 820 |
| 821 | 822 | 823 | 824 |
| 825 | 826 | 827 | 828 |
| 829 | 830 | 831 | 832 |
| 833 | 834 | 835 | 836 |
| 837 | 838 | 839 | 840 |
| 841 | 842 | 843 | 844 |
| 845 | 846 | 847 | 848 |
| 849 | 850 | 851 | 852 |
| 853 | 854 | 855 | 856 |
| 857 | 858 | 859 | 860 |
| 861 | 862 | 863 | 864 |
| 865 | 866 | 867 | 868 |
| 869 | 870 | 871 | 872 |
| 873 | 874 | 875 | 876 |
| 877 | 878 | 879 | 880 |
| 881 | 882 | 883 | 884 |
| 885 | 886 | 887 | 888 |
| 889 | 890 | 891 | 892 |
| 893 | 894 | 895 | 896 |
| 897 | 898 | 899 | 900 |
| 901 | 902 | 903 | 904 |
| 905 | 906 | 907 | 908 |
| 909 | 910 | 911 | 912 |
| 913 | 914 | 915 | 916 |
| 917 | 918 | 919 | 920 |
| 921 | 922 | 923 | 924 |
| 925 | 926 | 927 | 928 |
| 929 | 930 | 931 | 932 |
| 933 | 934 | 935 | 936 |
| 937 | 938 | 939 | 940 |
| 941 | 942 | 943 | 944 |
| 945 | 946 | 947 | 948 |
| 949 | 950 | 951 | 952 |
| 953 | 954 | 955 | 956 |
| 957 | 958 | 959 | 960 |
| 961 | 962 | 963 | 964 |
| 965 | 966 | 967 | 968 |
| 969 | 970 | 971 | 972 |
| 973 | 974 | 975 | 976 |
| 977 | 978 | 979 | 980 |
| 981 | 982 | 983 | 984 |
| 985 | 986 | 987 | 988 |
| 989 | 990 | 991 | 992 |
| 993 | 994 | 995 | 996 |
| 997 | 998 | 999 | 1000 |

| | | | | |
|---|-------|------------|------------|----------|
| thern Pacific Equip. Bonds | 3 1/8 | 100,000.00 | 99,839.28 | 1,171.87 |
| thern States Power Co. | 4 1/4 | 200,000.00 | 202,653.95 | 2,833.33 |
| cific Gas & Elec. Co. | 2 7/8 | 400,000.00 | 393,074.28 | 958.33 |
| cific Gas & Elec. Co. | 3 | 125,000.00 | 129,581.00 | 312.50 |
| cific Gas & Elec. Co. | 3 1/8 | 350,000.00 | 353,218.54 | 911.45 |
| cific Gas & Elec. Co. | 3 3/8 | 300,000.00 | 307,555.53 | 843.75 |
| cific Tel. & Tel. Co. | 2 7/8 | 100,000.00 | 99,071.24 | 718.75 |
| cific Tel. & Tel. Co. | 3 1/8 | 200,000.00 | 203,452.67 | 781.25 |
| cific Tel. & Tel. Co. | 3 1/4 | 400,000.00 | 408,110.22 | 3,317.70 |
| cific Tel. & Tel. Co. | 3 1/2 | 150,000.00 | 153,673.11 | 656.25 |
| cific Tel. & Tel. Co. | 3 5/8 | 350,000.00 | 358,396.92 | 4,757.81 |
| nn. Electric Co. | 3 1/8 | 200,000.00 | 203,049.24 | 2,083.33 |
| n. Electric Co. | 3 3/8 | 200,000.00 | 202,803.75 | 1,687.50 |
| nn. Electric Co. | 3 7/8 | 150,000.00 | 153,787.04 | 968.75 |
| nn. Electric Co. | 4 1/8 | 100,000.00 | 101,979.65 | 343.75 |
| nn. Power | 2 7/8 | 100,000.00 | 94,952.13 | 479.17 |
| ladelphia Elec. Co. | 2 3/4 | 100,000.00 | 99,133.94 | 458.33 |
| ladelphia Elec. Co. | 2 7/8 | 350,000.00 | 348,350.78 | 4,192.71 |
| ladelphia Elec. Co. | 3 1/8 | 300,000.00 | 298,672.64 | 781.25 |
| ladelphia Elec. Co. | 3 1/4 | 50,000.00 | 50,416.59 | 812.50 |
| ttaburgh and Lake Erie R.R. | 3 5/8 | 100,000.00 | 99,612.32 | 755.21 |
| atomic Elec. Power Co. | 2 3/4 | 300,000.00 | 302,879.05 | 1,375.00 |
| atomic Elec. Power Co. | 3 3/8 | 150,000.00 | 153,737.37 | 421.87 |
| blic Service of Indiana | 3 3/8 | 150,000.00 | 153,150.50 | 2,531.25 |
| blic Service of N. H. | 3 1/4 | 125,000.00 | 128,213.02 | 677.08 |
| blic Service Elec. and
Co. of N. J. | 3 1/4 | 600,000.00 | 607,707.78 | 4,604.17 |
| nding R.R. Equip. Bonds | 4 1/8 | 100,000.00 | 99,877.84 | 2,062.50 |
| l. Louis, San Francisco
quipment Bonds | 3 3/8 | 100,000.00 | 101,280.34 | 281.25 |
| nbond Air Line RR.
quipment Bonds | 2 5/8 | 100,000.00 | 95,340.95 | 218.75 |

-6-

| | | | | |
|--|-------|---------------|---------------|------------|
| aboard Equipment Bonds | 3 | 100,000.00 | 99,108.12 | 500.00 |
| aboard Air Line R. R.
Equipment Bonds | 3 3/4 | 100,000.00 | 99,649.26 | 937.50 |
| Bell Tel. & Tel. Co. | 2 3/4 | 100,000.00 | 93,560.16 | 1,145.83 |
| Bell Tel. & Tel. Co. | 3 1/8 | 200,000.00 | 204,471.38 | 2,083.33 |
| Bell Tel. & Tel. Co. | 3 1/4 | 200,000.00 | 202,177.06 | 1,354.17 |
| Bell Tel. & Tel. Co. | 4.00 | 125,000.00 | 127,013.35 | 1,250.00 |
| Bell Tel. & Tel. Co. | 5 | 200,000.00 | 204,592.47 | 833.33 |
| Calif. Edison Co. | 2 7/8 | 250,000.00 | 246,699.89 | 2,695.31 |
| Calif. Edison Co. | 3 | 150,000.00 | 150,712.84 | 1,687.50 |
| Calif. Edison Co. | 3 1/8 | 350,000.00 | 355,133.38 | 4,752.60 |
| Calif. Edison Co. | 3 5/8 | 300,000.00 | 299,141.64 | 3,473.96 |
| N.E. Tel. Co. | 3 1/4 | 300,000.00 | 302,848.00 | 2,843.75 |
| Pacific R.R. Equip. Bonds | 3 1/4 | 150,000.00 | 149,261.78 | 2,437.50 |
| Western Bell Tel. Co. | 3 1/8 | 250,000.00 | 255,066.06 | 1,302.08 |
| Western Bell Tel. Co. | 4 3/4 | 550,000.00 | 564,556.94 | 3,531.25 |
| Standard Oil Co. of N.J. | 2 3/4 | 100,000.00 | 102,060.04 | 1,260.42 |
| Sh Power & Light Co. | 3 5/8 | 100,000.00 | 102,200.15 | 1,208.33 |
| Sh Power & Light Co. | 5 1/4 | 150,000.00 | 153,607.58 | 1,968.75 |
| Virginia Railway Co. | 3 3/4 | 80,000.00 | 80,169.22 | 750.00 |
| Penn. Power Co. | 2 7/8 | 100,000.00 | 96,973.02 | 958.33 |
| Penn. Power Co. | 3 1/4 | 100,000.00 | 102,559.32 | 812.50 |
| Leominster Elec. Power Co. | 3 1/8 | 150,000.00 | 153,392.55 | 781.25 |
| Leominster Elec. Power Co. | 3 7/8 | 250,000.00 | 254,542.62 | 2,018.23 |
| Leominster, Michigan Power Co. | 3 1/8 | 100,000.00 | 100,702.07 | 651.04 |
| Worcester Co. Elec. Co. | 3 3/8 | 100,000.00 | 102,270.37 | 843.75 |
| TOTAL | | 32,964,000.00 | 33,248,107.45 | 314,698.13 |

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|-----|-----|-----|-----|-----|
| 1 | 1 | 1 | 1 | 1 |
| 2 | 2 | 2 | 2 | 2 |
| 3 | 3 | 3 | 3 | 3 |
| 4 | 4 | 4 | 4 | 4 |
| 5 | 5 | 5 | 5 | 5 |
| 6 | 6 | 6 | 6 | 6 |
| 7 | 7 | 7 | 7 | 7 |
| 8 | 8 | 8 | 8 | 8 |
| 9 | 9 | 9 | 9 | 9 |
| 10 | 10 | 10 | 10 | 10 |
| 11 | 11 | 11 | 11 | 11 |
| 12 | 12 | 12 | 12 | 12 |
| 13 | 13 | 13 | 13 | 13 |
| 14 | 14 | 14 | 14 | 14 |
| 15 | 15 | 15 | 15 | 15 |
| 16 | 16 | 16 | 16 | 16 |
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| 18 | 18 | 18 | 18 | 18 |
| 19 | 19 | 19 | 19 | 19 |
| 20 | 20 | 20 | 20 | 20 |
| 21 | 21 | 21 | 21 | 21 |
| 22 | 22 | 22 | 22 | 22 |
| 23 | 23 | 23 | 23 | 23 |
| 24 | 24 | 24 | 24 | 24 |
| 25 | 25 | 25 | 25 | 25 |
| 26 | 26 | 26 | 26 | 26 |
| 27 | 27 | 27 | 27 | 27 |
| 28 | 28 | 28 | 28 | 28 |
| 29 | 29 | 29 | 29 | 29 |
| 30 | 30 | 30 | 30 | 30 |
| 31 | 31 | 31 | 31 | 31 |
| 32 | 32 | 32 | 32 | 32 |
| 33 | 33 | 33 | 33 | 33 |
| 34 | 34 | 34 | 34 | 34 |
| 35 | 35 | 35 | 35 | 35 |
| 36 | 36 | 36 | 36 | 36 |
| 37 | 37 | 37 | 37 | 37 |
| 38 | 38 | 38 | 38 | 38 |
| 39 | 39 | 39 | 39 | 39 |
| 40 | 40 | 40 | 40 | 40 |
| 41 | 41 | 41 | 41 | 41 |
| 42 | 42 | 42 | 42 | 42 |
| 43 | 43 | 43 | 43 | 43 |
| 44 | 44 | 44 | 44 | 44 |
| 45 | 45 | 45 | 45 | 45 |
| 46 | 46 | 46 | 46 | 46 |
| 47 | 47 | 47 | 47 | 47 |
| 48 | 48 | 48 | 48 | 48 |
| 49 | 49 | 49 | 49 | 49 |
| 50 | 50 | 50 | 50 | 50 |
| 51 | 51 | 51 | 51 | 51 |
| 52 | 52 | 52 | 52 | 52 |
| 53 | 53 | 53 | 53 | 53 |
| 54 | 54 | 54 | 54 | 54 |
| 55 | 55 | 55 | 55 | 55 |
| 56 | 56 | 56 | 56 | 56 |
| 57 | 57 | 57 | 57 | 57 |
| 58 | 58 | 58 | 58 | 58 |
| 59 | 59 | 59 | 59 | 59 |
| 60 | 60 | 60 | 60 | 60 |
| 61 | 61 | 61 | 61 | 61 |
| 62 | 62 | 62 | 62 | 62 |
| 63 | 63 | 63 | 63 | 63 |
| 64 | 64 | 64 | 64 | 64 |
| 65 | 65 | 65 | 65 | 65 |
| 66 | 66 | 66 | 66 | 66 |
| 67 | 67 | 67 | 67 | 67 |
| 68 | 68 | 68 | 68 | 68 |
| 69 | 69 | 69 | 69 | 69 |
| 70 | 70 | 70 | 70 | 70 |
| 71 | 71 | 71 | 71 | 71 |
| 72 | 72 | 72 | 72 | 72 |
| 73 | 73 | 73 | 73 | 73 |
| 74 | 74 | 74 | 74 | 74 |
| 75 | 75 | 75 | 75 | 75 |
| 76 | 76 | 76 | 76 | 76 |
| 77 | 77 | 77 | 77 | 77 |
| 78 | 78 | 78 | 78 | 78 |
| 79 | 79 | 79 | 79 | 79 |
| 80 | 80 | 80 | 80 | 80 |
| 81 | 81 | 81 | 81 | 81 |
| 82 | 82 | 82 | 82 | 82 |
| 83 | 83 | 83 | 83 | 83 |
| 84 | 84 | 84 | 84 | 84 |
| 85 | 85 | 85 | 85 | 85 |
| 86 | 86 | 86 | 86 | 86 |
| 87 | 87 | 87 | 87 | 87 |
| 88 | 88 | 88 | 88 | 88 |
| 89 | 89 | 89 | 89 | 89 |
| 90 | 90 | 90 | 90 | 90 |
| 91 | 91 | 91 | 91 | 91 |
| 92 | 92 | 92 | 92 | 92 |
| 93 | 93 | 93 | 93 | 93 |
| 94 | 94 | 94 | 94 | 94 |
| 95 | 95 | 95 | 95 | 95 |
| 96 | 96 | 96 | 96 | 96 |
| 97 | 97 | 97 | 97 | 97 |
| 98 | 98 | 98 | 98 | 98 |
| 99 | 99 | 99 | 99 | 99 |
| 100 | 100 | 100 | 100 | 100 |

STATEMENT FOR THE YEAR ENDING DECEMBER 31, 1957, MADE TO THE

COMMISSIONER OF INSURANCE BY THE SECRETARY OF THE

TEACHERS' RETIREMENT BOARD

ANNUITY SAVINGS and ANNUITY RESERVE FUNDS

Income

| | |
|---|-------------------|
| Members' deposits | \$ 7,444,928.16 |
| Deposits transferred from other Retirement Systems
in the Commonwealth | 64,061.19 |
| Deposits transferred from Military Service Fund
for members who retired | 5,965.78 |
| Members' accumulated total deductions and military
service deductions used to purchase annuities | 2,655,535.06 |
| Interest received on investments (less \$24,579.04
accrued interest paid on securities purchased
during the year) | 2,726,840.22 |
| Net increase in book value of securities | 26,114.45 |
| Received from the Commonwealth for deficits and
other requirements as provided by Section 14 and
Section 22 of Chapter 32 of the General Laws | <u>271,643.81</u> |
| Total income | \$13,195,088.67 |

Disbursements

| | |
|--|---------------------|
| Deposits refunded, including interest, to members
withdrawing from teaching service | \$1,216,965.53 |
| Deposits refunded, including interest, to estates
of members who died before retirement | 314,982.73 |
| Balance of deposits and interest refunded to
estates of deceased annuitants who elected
a refund annuity | 199,038.76 |
| Transferred to other Retirement Systems in the
Commonwealth | 93,312.80 |
| Members' accumulated total deductions and military
service deductions used to purchase annuities | 2,655,535.06 |
| Investment expenses | 167.06 |
| Transferred to Pension Fund as provided by
Section 22 of Chapter 32 of the General Laws | 2,368.37 |
| Annuities paid from funds to the credit of
retired members at the time of their
retirement | <u>2,176,793.95</u> |
| Total payments | <u>6,659,164.26</u> |
| Income in excess of disbursements | \$ 6,535,924.41 |

ANNUITY SAVINGS AND ANNUITY RESERVE FUNDSAssets

| | | |
|--|-----------------|------------------|
| Investments, par value (Schedule A) | \$98,585,875.00 | |
| Amortized value | | \$ 99,071,796.04 |
| Cash | | 1,890,578.78 |
| Accrued interest on investments | | 772,203.24 |
| Due from the Commonwealth as provided by Section 22
of Chapter 32 of the General Laws | | <u>64,200.29</u> |
| Gross assets | | \$101,798,778.35 |

Liabilities

| | | |
|--|----------------------|----------------------|
| Deposits of members in active service | \$59,083,936.85 | |
| Regular interest credited to same | <u>19,209,303.82</u> | 78,293,240.67 |
| Deposits of members who have withdrawn from
the service of the public schools without
requesting a refund of the amount to their
credit | 1,278,588.74 | |
| Regular interest credited to same | <u>242,585.09</u> | 1,521,173.83 |
| Due representatives of deceased members | | 27,195.73 |
| Annuity reserve and amount due estates of deceased
annuitants | | <u>21,957,168.12</u> |
| Total Liabilities | | \$101,798,778.35 |

Membership Exhibit

| | | |
|--|-----------|--------------|
| Membership December 31, 1956 | | 34,826 |
| Teachers in service prior to July 1, 1914, who
voluntarily became members in 1957 | | 5 |
| New teachers required by law to become members | | 3,442 |
| Reinstated | | <u>955</u> |
| | | 39,228 |
| Number deceased during the year | 321 | |
| Number left service | 2,392 | |
| Transferred to other Retirement Systems
in the Commonwealth | <u>53</u> | <u>2,766</u> |
| Membership December 31, 1957 | | 36,462 |

I hereby certify that the above statement is a complete and correct exhibit of the financial condition of the Teachers' Retirement System of the Commonwealth of Massachusetts on the thirty-first day of December, 1957.

A true statement, made under the penalties of perjury.

/s/ Clayton L. Lent
Secretary, Teachers' Retirement Board

ANNUITY RESERVE FUND

| | |
|--|-------------------|
| Annuity reserve Dec. 31, 1956, for retired members living | \$20,892,854.00 |
| Annuity reserve Dec. 31, 1956, for amount due estates of deceased members | 16,978.17 |
| Amount used to purchase annuities for members retired in 1957 and Option (d) cases (Net) | 2,655,535.06 |
| Interest credited to annuity reserve fund December 31, 1957 | 631,490.51 |
| Due from Commonwealth account deficit for year 1957 as provided by Section 22(2)(d) | <u>136,143.09</u> |
| Total | \$24,333,000.83 |

| | |
|---|---------------------|
| Annuity reserve Dec. 31, 1957, for retired members living | \$21,929,238.00 |
| Annuity reserve Dec. 31, 1957, for amount due estates of deceased members | 27,930.12 |
| Payments from annuity reserve fund during 1957 (net) | <u>2,375,832.71</u> |
| Total | \$24,333,000.83 |

A true statement, made under the penalties of perjury.

/s/ Clayton L. Lent
Secretary, Teachers' Retirement Board

TEACHERS' RETIREMENT BOARDPENSION FUND for year ending December 31, 1957Income

| | |
|---|-----------------------|
| Amount received from Appropriation by Commonwealth for Pension Fund established by Section 22(3) | \$9,007,686.41 |
| Received from other Retirement Systems as reimbursement for pensions paid by Teachers' Retirement System on account of service which was subject to such other Retirement Systems | 4,628.20 |
| Received from Annuity Savings Fund the interest credited to accounts of members in excess of interest included in refund, for members who withdraw their accounts | 2,368.37 |
| Received from Military Service Fund the military deductions paid by the Commonwealth with accumulated interest for members who withdrew their funds or died before retirement | 57.08 |
| Total | <u>\$9,014,740.06</u> |

Disbursements

| | |
|---|-----------------------|
| Pension amounts for members retired prior to January 1, 1946, on warrants for calendar year 1957 | \$1,763,411.31 |
| Deduct pension amounts included in retirement allowance checks canceled | <u>19,364.66</u> |
| Net pension payments for year 1957 to members retired prior to Jan. 1, 1946 | \$1,744,046.65 |
| Pension amounts for members retired since January 1, 1946, on warrants for calendar year 1957 | \$7,013,275.88 |
| Deduct pension amounts included in retirement allowance checks canceled | <u>21,116.03</u> |
| Net pension payments for year 1957 to members retired since January 1, 1946 | <u>6,992,159.85</u> |
| Total net pension payments for calendar year 1957 | 8,736,206.50 |
| Paid Annuity Savings Fund for Dec. 31, 1956, deficit in Interest Account | 2,203.26 |
| Paid Annuity Savings Fund for amount due under Section 14 for Workmen's Compensation | 2.61 |
| Paid Annuity Savings Fund for Dec. 31, 1956, deficit in Annuity Reserve Account | 269,437.94 |
| Paid Military Service Fund for Dec. 31, 1956, deficit in Interest Account | 2,893.21 |
| Paid Military Service Fund the deductions for members reinstated who returned amount refunded | 221.64 |
| Paid other Retirement Systems for pensions paid by such Systems for service in the public schools | <u>3,774.90</u> |
| Total | <u>\$9,014,740.06</u> |

A true statement, made under the penalties of perjury.

/s/ Clayton L. Lent
Secretary, Teachers' Retirement Board

TEACHERS' RETIREMENT BOARDReimbursement Fund for year ending December 31, 1957Income

| | |
|--|----------------|
| Amount received from Appropriation by Commonwealth for
Reimbursement payments required under Section 20(2)(c) | \$2,225,000.00 |
|--|----------------|

Disbursements

| | |
|--|----------------|
| Reimbursement paid Boston account of pensions
paid under Chapter 589, Acts of 1908
Paid 12/2/57 - Yr.55-56 | \$271,472.61 |
| Reimbursement paid Boston account of pensions
paid under Chapter 521, Acts of 1922
Paid 12/2/57 - Yr.55-56 | 243,071.99 |
| Reimbursement paid Boston account of pensions
paid under State-Boston System
Paid 12/2/57 - Yr.54-55 bal. | \$273,051.36 |
| Paid 12/2/57 - Yr.55-56 | 1,417,723.72 |
| (Note: Yr.55-56 bal. not paid) Total | 1,690,775.08 |
| (on 12/31/57 - - - \$23,917.47
Total reimbursement to Boston | \$2,205,319.68 |
| Reimbursement paid Brookline account of pensions
paid under Chapter 498, Acts of 1908
Paid 12/2/57 - Yr.55-56 | 4,257.00 |
| Reimbursement paid Cambridge account of pensions
paid under Chapter 498, Acts of 1908
Paid 12/2/57 - Yr.55-56 | 6,821.36 |
| Reimbursement paid Milton account of pensions
paid under Chapter 498, Acts of 1908
Paid 12/2/57 - Yr.55-56 | 4,110.20 |
| Reimbursement paid Pittsfield account of pensions
paid under Chapter 498, Acts of 1908
Paid 12/2/57 - Yr.55-56 | 1,200.00 |
| Reimbursement paid Wellesley account of pensions
paid under Chapter 498, Acts of 1908
Paid 12/2/57 - Yr.55-56 | 3,291.76 |
| Total Reimbursement payments | \$2,225,000.00 |

A true statement, made under the penalties of perjury.

/s/ Clayton L. Lent
Secretary, Teachers' Retirement Board

TEACHERS' RETIREMENT BOARDEXPENSE FUND for year ending December 31, 1957Income

| | |
|---|--------------|
| Amount received from Appropriations by Commonwealth
for Personal Services and Expenses | \$124,407.95 |
|---|--------------|

Disbursements

| | |
|---|------------------|
| Salary paid to employees of the Teachers' Retirement Board
for calendar year 1957 | \$106,561.48 |
| Contingent expenses of administration of
Teachers' Retirement Board for calendar year 1957 | <u>17,846.47</u> |
| Total | \$124,407.95 |

A true statement, made under the penalties of perjury.

/s/ Clayton L. Lent
Secretary, Teachers' Retirement Board

STATEMENT FOR THE YEAR ENDING DECEMBER 31, 1957, MADE TO THE
COMMISSIONER OF INSURANCE BY THE SECRETARY OF THE
TEACHERS' RETIREMENT BOARD

TEACHERS' RETIREMENT MILITARY SERVICE FUND

Income

| | |
|---|-----------------|
| Received from cities and towns as provided by Chapter 708, Acts of 1941,
and Chapter 419, Acts of 1943 | \$17,359.67 |
| Received from the Commonwealth as provided by Section 22 of Chapter 32
of the General Laws | 2,893.21 |
| Received from the Commonwealth as provided by Chapter 699, Acts of 1945 | 1,873.45 |
| Received from Pension Fund for military deductions of reinstated members | 221.64 |
| Interest received on investments | 11,090.00 |
| Net increase in book value of securities | <u>1,855.91</u> |
| Total income | \$35,293.88 |

Disbursements

| | |
|--|------------------|
| Transferred to Annuity Reserve Fund for members retired | \$5,965.78 |
| Military deductions returned to cities and towns on
account of members who have withdrawn their funds or died | 11,458.99 |
| Military deductions credited to Pension Fund on
account of members who have withdrawn their funds or died | 57.08 |
| Returned to cities and towns unused balances of amounts
contributed for military deductions | <u>1,112.91</u> |
| Total payments | <u>18,594.76</u> |
| Income in excess of disbursements | \$16,699.12 |

TEACHERS' RETIREMENT MILITARY SERVICE FUNDAssets

| | |
|--|-----------------|
| Investments, par value \$480,000.00 | |
| Amortized value | \$482,359.75 |
| Cash | 36,419.87 |
| Accrued interest on investments | 2,225.10 |
| Due from the Commonwealth as provided by Section 22 of
Chapter 32 of the General Laws | <u>1,317.47</u> |
| Gross Assets | \$522,322.19 |

Liabilities

| | |
|---|-------------------|
| Deposits and interest to credit of cities and towns for
payment of deductions of members who return from
Military Service | \$32,065.62 |
| Deductions and interest of members who have returned
from Military Service | <u>490,256.57</u> |
| Total Liabilities | \$522,322.19 |

I hereby certify that the above statement is a complete and correct exhibit of the financial condition of the Teachers' Retirement Military Service Fund of the Teachers' Retirement Board on the thirty-first day of December 1957.

A true statement, made under the penalties of perjury.

/s/ Clayton L. Lent
Secretary, Teachers' Retirement Board

MILITARY SERVICE - SCHEDULE C

| Description | Rate
(Per Cent) | Par Value | Amortized Value
Dec. 31, 1957 | Accrued Int.
Dec. 31, 1957 |
|-------------------------------|--------------------|---------------|----------------------------------|-------------------------------|
| U. S. Treasury Bonds | 2 1/4 | 50,000.00 | 50,002.19 | 46.87 |
| U. S. Treasury Bonds | 2 1/2 | 29,000.00 | 29,000.00 | 240.62 |
| U. S. Treasury Bonds | 2 3/4 | 271,000.00 | 274,493.36 | 1,863.13 |
| U. S. Treasury Bonds | 3 1/4 | 55,000.00 | 54,316.34 | 74.48 |
| U.S. Treasury Bills | - | 75,000.00 | 74,547.86 | - - - |
| TOTAL | | 480,000.00 | 482,359.75 | 2,225.10 |
| Total Securities - Schedule A | | 65,621,875.00 | 65,863,688.59 | 457,505.11 |
| Total Securities - Schedule B | | 32,964,000.00 | 33,208,107.45 | 314,698.13 |
| Total Securities - Schedule C | | 480,000.00 | 482,359.75 | 2,225.10 |
| GRAND TOTAL | | 99,065,875.00 | 99,554,155.79 | 774,428.34 |

| State | Year | Population | Area | Density |
|---------|------|------------|--------|---------|
| Alabama | 1950 | 2,049,000 | 52,420 | 39.1 |
| Alabama | 1955 | 2,200,000 | 52,420 | 42.0 |
| Alabama | 1960 | 2,350,000 | 52,420 | 44.8 |
| Alabama | 1965 | 2,500,000 | 52,420 | 47.7 |
| Alabama | 1970 | 2,650,000 | 52,420 | 50.6 |
| Alabama | 1975 | 2,800,000 | 52,420 | 53.4 |
| Alabama | 1980 | 2,950,000 | 52,420 | 56.3 |
| Alabama | 1985 | 3,100,000 | 52,420 | 59.1 |
| Alabama | 1990 | 3,250,000 | 52,420 | 61.9 |
| Alabama | 1995 | 3,400,000 | 52,420 | 64.7 |
| Alabama | 2000 | 3,550,000 | 52,420 | 67.5 |
| Alabama | 2005 | 3,700,000 | 52,420 | 70.4 |
| Alabama | 2010 | 3,850,000 | 52,420 | 73.2 |
| Alabama | 2015 | 4,000,000 | 52,420 | 76.1 |
| Alabama | 2020 | 4,150,000 | 52,420 | 78.9 |
| Alabama | 2025 | 4,300,000 | 52,420 | 81.8 |
| Alabama | 2030 | 4,450,000 | 52,420 | 84.6 |
| Alabama | 2035 | 4,600,000 | 52,420 | 87.5 |
| Alabama | 2040 | 4,750,000 | 52,420 | 90.3 |
| Alabama | 2045 | 4,900,000 | 52,420 | 93.2 |
| Alabama | 2050 | 5,050,000 | 52,420 | 96.0 |
| Alabama | 2055 | 5,200,000 | 52,420 | 98.8 |
| Alabama | 2060 | 5,350,000 | 52,420 | 101.7 |
| Alabama | 2065 | 5,500,000 | 52,420 | 104.5 |
| Alabama | 2070 | 5,650,000 | 52,420 | 107.4 |
| Alabama | 2075 | 5,800,000 | 52,420 | 110.2 |
| Alabama | 2080 | 5,950,000 | 52,420 | 113.1 |
| Alabama | 2085 | 6,100,000 | 52,420 | 115.9 |
| Alabama | 2090 | 6,250,000 | 52,420 | 118.8 |
| Alabama | 2095 | 6,400,000 | 52,420 | 121.6 |
| Alabama | 2100 | 6,550,000 | 52,420 | 124.5 |

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MASSACHUSETTS MARITIME ACADEMY

The 1957-58 school year opened on July 31, 1957 with an entering class of 85, bringing the total enrollment to 181 midshipmen.

The one hundred and fifteenth commencement exercises were held on August 11, 1957, at the Recreation Hall, United States Naval Center, South Boston, Massachusetts. The address to the graduates was given by the Honorable Thomas E. Staken, Jr., Member of the Federal Maritime Board. Degrees were conferred on 58 graduates by the Right Reverend Monsignor Cornelius T. M. Sherlock, Chairman of the Massachusetts Board of Education. Degrees were also conferred on 9 graduates of former years, making a total of 193 former graduates who have received degrees at the commencement exercises from 1951 through 1957.

In the fall of 1957, the new Training Ship, BAY STATE, replaced the old Training Ship, CHARLESTON. On January 20, 1958, the BAY STATE sailed from Buzzards Bay on annual cruise. The following ports were visited:

San Juan, Puerto Rico
Ciudad Trujillo, Dominican Republic
New Orleans, Louisiana
Progreso, Mexico
Havana, Cuba
Corpus Christi, Texas
Tampa, Florida
Jacksonville, Florida

On March 30 the BAY STATE arrived in Boston, and returned to Buzzards Bay on April 5.

The written examination qualifying for admission to the Academy was given on March 8. The Navy physical examinations commenced on April 1. Of the 326 applicants, 84 were selected for admission.

The Commissioners wish to record their appreciation of the continued cooperation of the Superintendent of the Academy, the Executive Officer of the BAY STATE, the faculty, and other Academy personnel during the past year. They wish also to extend their thanks to the officials of the various State Departments, including the Department of Education, for all the advice and services extended to them during the year. The Navy Department, the Coast Guard, the Bureau of Marine Inspection, and the Public Health Service Hospital have also extended many courtesies to the Massachusetts Maritime Academy, particularly in the matter of physical examinations of the applicants for admission to the Academy, and the Commissioners wish to express their appreciation of this assistance.

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BRADFORD DUFFEE COLLEGE OF TECHNOLOGY

Fall River, Massachusetts

PRESIDENT'S REPORT

1957 - 1958

To the Board of Trustees:

I have the honor to present the following report on operations of the College for the fiscal year 1957-1958. Since I retire on July 1, 1958 as president of the College after having served the Commonwealth of Massachusetts, at this school, continuously for the past twenty-four years, this will be my final report to you. In passing it may be noted that I first came to the school in September 1934 as head of the Department of Chemistry.

Legislation

During the year the only special legislation enacted affecting the school was that authorizing the Board of Trustees to confer honorary doctorates in appropriate fields.

Trustees

The following appointments to the Board of Trustees were made by the Governor with the consent of the Executive Council:

Octave O. Desmarais, Sr., vice John Marshall, Jr.
Tobias M. Furtado, vice Gilbert Oliveira
Leo Goldberg, vice Robert J. Nagle, resigned
Matthew Kuss, vice Gilbert F. Van Blaroom, resigned
Francis T. Meagher, vice Dr. Raymond E. Costa
William Meren, vice Lloyd H. Dixon
Richard B. O'Connor, vice Jan Pietraszek, deceased

In addition to the above changes in members, ex officio took place:

Dr. Owen B. Kiernan replaced as Commissioner of Education,
Dr. John J. Desmond, Jr. retired and on January 1, 1958,
John M. Arruda replaced John F. Hane as Mayor of Fall River.

Administration

In May, William J. Holland, B.S. (Harvard) was named president of the College effective July 1, 1958.

In December, 1957, Miss Janice McLaughlin was added to the office staff as a Junior Clerk-Stenographer.

-2-

Bradford Durfee College of Technology
President's Report

1957-1958

In August, 1957, William Beattie was added to the maintenance staff as a construction handyman.

In October, 1957, Mrs. Robert McConnell was appointed a laboratory assistant in chemistry.

Instruction

In September, Mr. Edward P. Togneri, B.F.A., was appointed an instructor in Art and Mrs. Dorothy Burke, R.N., who had previously acted as a part-time assistant in the Nursing Education Program was made a full-time instructor.

The following promotions, effective September 1, 1957, were approved by the Board of Trustees:

Assistant professors Cass and Simeone to be associate professors, Messrs. Everett S. Arnold, Robert E. Cooper, John W. Ferguson, Carl E. Medde and Miss Gerta Rello instructors were promoted to be assistant professors.

Courses of Instruction

In September, two four-year courses leading to the B.S. degree were offered for the first time in the area of Business Administration viz. (1) Business Administration and (2) Business-Engineering. It is felt that educational programs in these fields will fill a real need in southeastern Massachusetts. Under the aggressive leadership of Mr. William C. Wild, Jr., the Department of Business Administration should develop into one of the strong programs of the College.

The other programs were continued essentially as before. It must be noted, however, that the interest in textiles is at a very low ebb.

This is most unfortunate for the textile industry is one of the large industries in this country. There are many very attractive positions available to young men and women who have the proper training.

Library

During the year there was a noticeable increase in the use of the College Library by both students and faculty. This was no doubt due in part to the fact that Miss Eaton, our librarian, gave several lectures to the students at the beginning of the year on the effective use of a technical library.

A considerable number of books and periodicals were purchased during the year although our per pupil expenditure for this purpose is considerably below the average of similar schools. In the future we should plan for a yearly expenditure of \$12.00-\$15.00 per student. This may seem

-3-

Bradford Durfee College of Technology
President's Report

1957-1958

somewhat large but it must be remembered that technological books are expensive. It might be well to set up a definite program of solicitation of funds for this purpose from firms and individuals as well as from the alumni.

I am glad to express our sincere thanks to the donors of books and periodicals to our library during the past year. There is space here to mention only a few such as: Aeronautical Engineering Library and the Dayton Memorial Library, Massachusetts Institute of Technology, Commonwealth of Massachusetts, James F. Lincoln Arc Welding Foundation, Estates of Joseph Smith and Martha Ellen Eaton. More than a dozen so called "homage" of prominent American concerns were also received.

As I have stated several times in the past, the need for expanded library facilities is most urgent. At present no more than 25% of the potential readers can be accommodated and our stack space is completely utilized. The new library which is in the planning stage should be built without further delay if the College is to secure accreditation.

Summer School

The summer school continues to grow. This year two additional courses were offered. The number of students also increased approximately 68%. It was practically self-supporting.

Junior Art School

Again a further increase was experienced. It was necessary to open an additional class in order to meet the demand.

Scholarships

This year the Trustees distributed the sum of \$1,875.00 in scholarships. Some twenty students were the recipients.

Several students who could not be assisted by the College because of our limited funds were referred to the "HELP" program of the State. This is proving to be of very definite aid in assisting needy students.

Repairs and Replacements

During the summer the central heating plant of the College was converted to oil in accordance with plans drawn by Kerr Atkinson, Heating Engineers, Boston, Massachusetts. Since the boilers were more than fifty years old, it was necessary to install two new boilers together with their necessary accessories. Thus the present boiler plant is modern in all respects. It was actually put in service the latter part of October.

The old outmoded auditorium seats were replaced by upholstered individual chairs. Thus our assembly hall with a capacity of 265 is one of the best small auditoriums in the City of Fall River. It is much in demand

-4-

Bradford Durfee College of Technology
President's Report

1957-1958

by civic educational groups for lectures and forums.

Additional chairs and tables were purchased for the cafeteria increasing its capacity by approximately 75%. The importance of this is realized when it is understood that at present this space has to be used also as a study hall.

The old freight elevator in the Textile Building is being replaced in a new location which will integrate well with the plans for the new Engineering Building.

Interior and exterior painting contracts were awarded to Napoleon Dufault and the Donnelly Painting Service respectively.

It gives me considerable personal satisfaction to be able to turn over to my successor a college plant in tip top physical condition. In this connection it is a pleasure to acknowledge the fine cooperation I have had from the Budget Commissioner, Mr. William Bixby, in setting up a long range maintenance program. Without his understanding consideration of our requests, it would have been impossible.

Expansion Program

At last this program has been activated by the Division of Building Construction after having been held up since the fall of 1956. The firm of Desmond and Lord was approved as architects and engineers for the Engineering Building and the Library-Student Union Building.

The Trustees acquired by negotiation two properties on Elm and Green Streets from Antone and Maria Medeiros. Thus at long last we have the necessary area on which to erect the proposed buildings.

There still remains the securing of a clear title from the City of Fall River for the last piece of land on Green Street. When that is cleared the College will own the land in the entire block.

The Mayor and the City Council gave concrete evidence of their interest in the future of the College by giving to the Commonwealth of Massachusetts a strip of land approximately 17 feet wide out of the south side of Elm Street running west from Durfee Street. This will make it possible to plan a larger library than at first was thought possible.

Subsequent to the College taking title to these properties, a demolition contract was awarded to Joseph Arruda, Jr., of Tiverton, R. I. The buildings on Elm and Green Streets have been razed and the area leveled. At present it provides a much needed parking area for both staff and students.

As of this date Desmond and Lord have made preliminary drawings for the two buildings mentioned above. The need for these additional facilities is extremely urgent. It is hoped there will be no further delays on this project.

-5-

Bradford Durfee College of Technology
President's Report

1957-1958

Looking Forward

At present this College is a technological school working in five fields viz. Art and Business Administration, Chemistry, Engineering and Textiles. In all these areas it offers strong curricula leading to the bachelor of science degree. None have as yet been accredited by any regional or national body. This results in a severe handicap to our graduates, especially those who seek positions in government service. All of our curricula have, of course, been approved by the Board of Collegiate Authority of Massachusetts which unfortunately is not an accrediting agency. It should be noted in this connection that our degree is accepted as fulfilling the requirements for graduate work at such colleges as Brown, George Washington University, University of Wisconsin, University of Massachusetts and Northeastern University.

I strongly recommend that the Board of Trustees give the matter of accreditation top priority. This will involve several things. First, the cataloging of the College Library should be completed without further delay. It is my opinion that it should and could have been completed before this, had a sustained effort been made in this direction. Certainly no examining committee will accredit this College while the conditions in the library are as they are at present. Second, every effort possible should be made to advance the construction of the Engineering Building which is now in the planning stage. The College at present is woefully lacking in engineering laboratory facilities. This is a serious weakness from the point of view of accreditation. Finally, great care should be taken in future staff appointments. If the College is to be accredited, all staff must have a proper educational background. This means that they should have at least master's degrees which have been earned in the particular area in which they teach. Anything less than this will not be very impressive to visiting committees on accreditation.

The matter of adequate parking should receive careful consideration by the Board. With increase in traffic past the College due to the relocation of Route 6, conditions which are now bad will become critical. I, therefore, suggest that sufficient land be acquired on the north side of Elm Street to provide adequate off street parking for both faculty and students.

In closing this, my final report, may I express my personal thanks to the men and women who have served on the Boards of Trustees during my administration. Their interest and help is truly appreciated.

The statistics are presented in the same format used in previous years:

Bradford Torrey College of Technology
President's Report

1957-1958

TABLE I

ENROLLMENT 1957-58

| | DAY | | | NIGHT/EXTENSION | | | |
|---------|------|-------|-------|-----------------|---------|-------|-------------|
| | Reg. | Spec. | Total | Evening | Morning | Total | Grand Total |
| 1956-57 | 320 | 20 | 340 | 188 | 0 | 188 | 528 |
| 1957-58 | 350 | 251 | 601 | 89 | 0 | 89 | 690 |

* This figure includes 110 Veterans: 100 in 1956-57, 100 in 1957-58 and three exchange students.

** This figure includes 120 Junior Art Students, 20 Evening Women, and 15 special students.

† This figure includes Evening credit and university courses.

TABLE II

BREAKDOWN OF DAY STUDENTS 1957-58

| Degree Courses | 1st Yr. | 2nd Yr. | 3rd Yr. | 4th Yr. | Total |
|------------------------------------|------------|-----------|-----------|-----------|------------|
| Art & Product Development | 14 | 16 | 5 | 14 | 49 |
| Business Administration | 33 | 7 | 0 | 0 | 40 |
| Chemistry | 4 | 7 | 6 | 3 | 20 |
| Engineering | 55 | 32 | 16 | 60 | 163 |
| Textile Manufacturing & Management | 15 | 11 | 10 | 15 | 51 |
| | <u>117</u> | <u>73</u> | <u>31</u> | <u>89</u> | <u>310</u> |
| Specials | | | | | 231 |
| | | | | | <u>541</u> |

TABLE III

BREAKDOWN OF VETERANS DATA (Reg. Students)

1957-58

| Degree Courses | 1st Yr. | 2nd Yr. | 3rd Yr. | 4th Yr. | Total |
|------------------------------------|-----------|-----------|-----------|-----------|------------|
| Art & Product Development | 2 | 3 | 1 | 2 | 8 |
| Business Administration | 5 | 3 | 0 | 0 | 12 |
| Chemistry | 2 | 0 | 2 | 0 | 4 |
| Engineering | 11 | 13 | 24 | 20 | 68 |
| Textile Manufacturing & Management | 3 | 7 | 5 | 7 | 22 |
| | <u>23</u> | <u>26</u> | <u>32</u> | <u>29</u> | <u>110</u> |

-7-

Bradford Durfee College of Technology
President's Report

1957-1958

TABLE IV

BREAKDOWN OF REGULAR STUDENTS BY RESIDENCE 1957-58

| <u>Massachusetts</u> | | <u>Out-Of-State</u> | | <u>Foreign</u> | <u>Total</u> |
|----------------------|----------------|---------------------|----------------|----------------|--------------|
| <u>Non-Veteran</u> | <u>Veteran</u> | <u>Non-Veteran</u> | <u>Veteran</u> | | |
| 207 | 103 | 26 | 11 | 3 | 350 |

Distribution of Enrollment 1957-58:

| <u>Massachusetts</u> | <u>Out-Of-State</u> | <u>Foreign</u> |
|----------------------|---------------------|----------------|
| 68.57 | 10.57 | 0.86 |

Two foreign countries were represented, viz:

| <u>China</u> | <u>Pakistan</u> |
|--------------|-----------------|
| 2 | 1 |

TABLE V

EVENING SCHOOL STATISTICS 1957-58

The following shows the residence of those who registered for evening classes:

| | | | |
|-----------------------|-----|----------------------|----|
| Fall River | 463 | Portsmouth, R. I. | 10 |
| Acushnet | 1 | Providence, R. I. | 1 |
| Adamsville, R. I. | 1 | Raynham | 5 |
| Assonet | 4 | Rehoboth | 1 |
| Attleboro | 2 | Riverside, R. I. | 1 |
| Berkley | 4 | Segregansett | 1 |
| Bridgewater | 2 | Somerset | 60 |
| Bristol, R. I. | 2 | Stoughton | 1 |
| Brockton | 3 | Swansea | 37 |
| Dartmouth, No. | 1 | Swansea, So. | 3 |
| Dighton | 7 | Taunton | 52 |
| Dighton, No. | 2 | Tiverton, R. I. | 20 |
| Little Compton, R. I. | 4 | Tiverton, No., R. I. | 1 |
| Middletown, R. I. | 2 | Warren, R. I. | 4 |
| N. Easton | 1 | Westport | 10 |
| Newport, R. I. | 9 | Westport, No. | 9 |
| Norton | 2 | Whitman | 2 |
| Ocean Grove | 4 | Woonsocket, R. I. | 1 |

737

Bradford Purfee College of Technology
President's Report

1957-1958

From the above registration, 693 enrolled in classes in evening sessions. No student had his name placed on the register until he had been in attendance at least three times. A number of these students took more than one course during the year, and in giving the following list of students by classes, a student taking more than one subject is counted in each class for which he is enrolled.

College Credit Courses

| | |
|-------------------------------|----|
| College Algebra | 22 |
| English Literature | 27 |
| History of West. Civilization | 23 |
| Industrial Management | 25 |
| Psychology | 38 |
| Public Speaking | 15 |

Total 150

Non-Credit Courses

| | |
|---------------------------|----|
| Algebra I & II | 94 |
| Blue Print Reading | 20 |
| Chemistry, General | 32 |
| Cost Accounting | 21 |
| Creative Painting | 29 |
| Diesel Engines | 16 |
| Drawing & Painting | 34 |
| Electricity | 51 |
| Electronics | 36 |
| Fashion Illustration | 20 |
| Machine Shop | 49 |
| Mechanical Drawing | 36 |
| Photography | 13 |
| Steam Boilers and Engines | 47 |
| Steam Engineering, Adv. | 27 |
| Welding | 58 |

Total 543
Grand Total 693

TABLE VI

GRADUATION STATISTICS 1957-1958

| <u>Day Division</u> | | | <u>Evening Division</u> | | <u>Jr. Art</u> | <u>Total</u> |
|---------------------|---------------------|-------------|-------------------------|---------------------|----------------|--------------|
| <u>Degrees</u> | <u>Certificates</u> | | <u>Diplomas</u> | <u>Certificates</u> | <u>Cert.</u> | |
| 1956-57 | 59 | 95 | 5 | 189 | 101 | 449 |
| 1957-58 | 62 | 96 (Nurses) | 6 | 235 | 119 | 518 |

Honorary Degrees

3*

* This figure includes 2 Doctor of Science degrees and 1 Master of Science degree.



-9-

Bradford Durfee College of Technology
President's Report

1957-1958

1957 Summer School

July 8 - August 16, 1957

| <u>No. of Courses</u> | <u>No. Auditors</u> | <u>No. Paying Tuition</u> | <u>Total Registrations</u> |
|-----------------------|---------------------|---------------------------|----------------------------|
| 6 | - | 115 | 115 |

1010 1111 010 1

1111 1111 1111 1111

279
278

NEW BEDFORD INSTITUTE OF TECHNOLOGY
PRESIDENT'S REPORT
1957-1958

To the Board of Trustees:

I have the honor to submit the annual report of the New Bedford Institute of Technology for the college year 1957-1958.

GENERAL

The academic year 1957-1958 has been one of continued progress at the New Bedford Institute of Technology. This progress has been evident not only in the physical improvements but more important in the increased academic standards of the college and the increased quality of the faculty.

This progress has been made possible by the generous cooperation of the General Court which has recognized the need in South Eastern Massachusetts for extending public higher educational opportunities to the people of that area. While the Commonwealth has increased the appropriation of funds for the Institute, the needs of the college have in no measure been fulfilled. Much is yet to be done. It is estimated that the enrollment of the Institute will approach 1000 students within the next five or six years. To meet this influx of students the physical plant of the college must be greatly expanded. The faculty must increase in number and quality. The supporting personnel must of necessity keep pace with the expanded facilities and faculty. If the New Bedford Institute of Technology is to be ready to meet the educational requirements which it will be called upon to face in the next few years, the Commonwealth must act now by providing funds for the purchase of land and the preparation of plans for the needed expansion.

In writing this brief report I express my deep appreciation of the Administrative Staff and the Faculty for their untiring efforts to improve the functional activity and the educational program of the college. All have contributed to the progress of the Institute and all have accepted with enthusiastic support to many changes which have been and which are being made as we forge ahead with our efforts to extend the prestige and recognition of the New Bedford Institute of Technology.

ADMINISTRATION

One trustee was reappointed and four new appointments were made to the Board of Trustees. Reappointed to the Board was:

Mr. John A. Shea, Representative for Neuss Hesslein Co.,
New York

New appointments to the Board were:

Mr. George E. Carignan, Director Financial Secretary, N.B.
Joint Board Textile Workers Union of America

Dr. John B. O'Toole, Jr.

Mrs. Lydia B. Nunes, Attorney

Mr. Joseph M. Souza, Probation Officer, Third District Court

Mrs. Joan A. Gonsalves was appointed Junior Clerk Typist, temporary

All faculty administration posts remain unchanged.

CONFERENCE ON THE TEACHING OF ENGLISH

PROCEEDINGS OF THE CONFERENCE ON THE TEACHING OF ENGLISH
JUNE 1960

THE CONFERENCE ON THE TEACHING OF ENGLISH
WAS HELD AT THE UNIVERSITY OF CALIFORNIA, BERKELEY
ON JUNE 1-2, 1960. THE CONFERENCE WAS ORGANIZED BY
THE UNIVERSITY OF CALIFORNIA, BERKELEY, AND WAS
SPONSORED BY THE UNIVERSITY OF CALIFORNIA, BERKELEY.

THE CONFERENCE WAS HELD AT THE UNIVERSITY OF CALIFORNIA, BERKELEY
ON JUNE 1-2, 1960. THE CONFERENCE WAS ORGANIZED BY
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SPONSORED BY THE UNIVERSITY OF CALIFORNIA, BERKELEY.

INSTRUCTIONAL STAFF

279

PROMOTIONS:

Ferdinand P. Fiocchi from instructor to assistant professor
Alden W. Counsell from instructor to assistant professor
John T. Regan from instructor to assistant professor
Lenine Gonsalves from associate professor to professor
Anthony J. John from associate professor to professor
Louis Pacheco, Jr. from assistant professor to associate professor
Warren M. Holt from assistant professor to associate professor
Celestino D. Macedo from instructor to assistant professor

APPOINTMENTS:

Dr. Dwight F. Mowery, Professor
Dr. David F. Smith, Professor
George J. Thomas, Assistant Professor
Milton S. Briggs, Professor
Walter E. A. Mierzejewski, Instructor
John F. Wareing, Instructor
Claire N. Riley, Instructor
James A. Flanagan, Instructor
Louis J. Robitaille, Instructor

COURSE OF INSTRUCTION

With prior approval of the Board of Collegiate Authority a new course offering a Bachelor of Science in Chemistry was offered beginning in September 1957. Many revisions have been made in existing courses both quantitatively and qualitatively

STATISTICAL POSITION OF INSTITUTE

TABLE I

DAY

| Regular | Special | Veterans | Total |
|---------|---------|----------|-------|
| 274 | 16 | 141 | 431 |

INDUSTRIAL EXTENSION

| | | |
|-------------|-------------------|-----|
| Fall Term | Evening - - - - - | 835 |
| Spring Term | Evening - - - - - | 630 |

TABLE II
BREAKDOWN OF DAY STUDENTS

| <u>Degree Courses</u> | <u>1st yr.</u> | <u>2nd yr.</u> | <u>3rd yr.</u> | <u>4th yr.</u> | <u>Total</u> |
|--------------------------|----------------|----------------|----------------|----------------|--------------|
| Chemistry | 9 | | | | 9 |
| Electrical Engineering | 61 | 26 | 19 | 14 | 120 |
| Mechanical Engineering | 46 | 21 | 24 | 16 | 107 |
| Textile Chemistry | 11 | 13 | 10 | 15 | 49 |
| Textile Design & Fashion | 15 | 10 | 8 | 5 | 38 |
| Textile Technology | 26 | 32 | 11 | 6 | 75 |

| <u>Diploma Courses</u> | <u>1st yr.</u> | <u>2nd yr.</u> | <u>3rd yr.</u> | <u>4th yr.</u> | <u>Total</u> |
|----------------------------|----------------|----------------|----------------|----------------|--------------|
| Textile Manufacturing | 2 | 2 | 1 | | 5 |
| <u>Certificate Courses</u> | | | | | |
| Textile Technician | 3 | | | | 3 |
| Sewing Machine Maintenance | 5 | 2 | | | 7 |
| Special Students | | | | | 14 |
| <u>Graduate Students</u> | | | | | |
| Textile Chemistry | | | | | 2 |
| Textile Engineering | | | | | 2 |

TABLE III

BREAKDOWN OF REGULAR STUDENTS BY RESIDENCE

| MASSACHUSETTS | | OUT OF STATE | | | Total |
|---------------|------------|--------------|------|----------|------------|
| Non-Vets | Veterans | Non-Vets | Vets | Foreign | |
| <u>274</u> | <u>141</u> | <u>7</u> | | <u>9</u> | <u>431</u> |

Male Students - - - 389
Female Students - - - 42

TABLE IV
GRADUATION STATISTICS

| <u>Day</u> | | <u>Evenings</u> | |
|--------------|----|-----------------|-----|
| Degrees | 57 | Certificates | 200 |
| Diplomas | 2 | | |
| Certificates | 2 | | |

Honorary Degrees

| | |
|----------------------|---|
| Doctor of Textiles | 2 |
| Doctor of Philosophy | 1 |
| Doctor of Letters | 1 |
| Doctor of Laws | 1 |

TABLE V
EVENING SCHOOL STATISTICS

| | |
|-------------------|----|
| Total - 835 | |
| Calculus | 11 |
| Slide Rule | 30 |
| Art & Painting | 25 |
| Statics | 10 |
| Electric Circuits | 55 |
| Bacteriology | 16 |

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EVENING SCHOOL STATISTICS
(continued)

| | |
|------------------------------|-----|
| Elementary Electronics | 26 |
| Industrial Psychology | 48 |
| Capacitor for Electronics | 16 |
| Pre-College Math | 48 |
| Psychology of Adjustment | 50 |
| Math I | 16 |
| Sociology | 45 |
| Tool Design | 19 |
| English I | 35 |
| Art Appreciation | 15 |
| Fashion Illustration | 26 |
| Machine Shop Practice | 28 |
| U. S. History | 17 |
| Blue Print Reading | 19 |
| Engineering Drawing | 25 |
| Advanced Engineering Drawing | 23 |
| General Chemistry | 29 |
| English II | 15 |
| Sewing Machine Maintenance | 45 |
| Power Sewing | 140 |
| Screen Printing | 1 |
| Physical Chemistry | 2 |

TABLE VI

BUDGET STATISTICS

| | |
|---|-----------------------|
| Regular 1958 Appropriation - - - - - | 318,290.00 |
| Supplementary Appropriation - - - - - | 38,450.00 |
| Total Appropriation - - - - - | <u>356,740.00</u> |
|
Total Maintenance Expenses - - - - - |
<u>346,839.80</u> |
|
Amount Reverted to the Commonwealth - - - - - |
9,900.20 |
|
1956 Special Appropriation Carried over to 1957 - - - - - |
30,112.08 |
| 1342-23-12 Roofing Repairs & Improvement | 20,000.00 |
| 1342-25-15 Equipment - - - - - | 10,000.00 |
| | <u>60,112.08</u> |
|
Total Expenses - - - - - |
<u>45,635.69</u> |
| | <u>14,476.39</u> |
| Amount Reverted to the Commonwealth - - - - - | 180.60 |
| Amount carried forward to 1959 - - - - - | <u>14,295.79</u> |

Table with multiple columns and rows, containing faint text and numbers.

Section of text containing several paragraphs and possibly a list or table of contents.

PHYSICAL PLANT

During the past year the work of repairing the roofs of all old buildings was completed. The interiors of all old buildings have been painted. The work of installing all new fire proof stairways under the auspices of the Department of Safety and the Public Building Commission was completed.

With funds obtained from sources other than those of the Commonwealth, a new library and new bookstore have been built in the old buildings. The parking area for 65 cars was constructed in the rear of the new Engineering and Science Building.

A limited amount of new equipment was purchased to replace old equipment in the textile division of the institute.

NEW BEDFORD INSTITUTE OF TECHNOLOGY

Under the Acts of 1957 the official name of the institute was changed from New Bedford Institute of Textiles and Technology to New Bedford Institute of Technology.

CONCLUSION

It is apparent from this years enrollment statistics and those forecast for the academic year 1958-1959, that the institute is fast approaching its enrollment saturation point. It would appear evident that the maximum enrollment possible with the present facilities - 650 students - would be reached during the academic year 1959-1960.

A survey of the Greater New Bedford high school freshman classes during the past year would indicate that four years hence the number of applications for admission to the institute would far exceed the number of acceptances possible. In view of this it is imperative that expansion be planned now in order that all qualified applicants can be accommodated. Land for expansion is available adjacent to the present properties of the college. It is only necessary that the Commonwealth recognize the need and provide the funds necessary. With their cooperation and the continued cooperation of the trustees and faculty the New Bedford Institute of Technology will become a college of great prestige and recognition.

CHAPTER 1

The first part of the book is devoted to a general survey of the history of the subject. It begins with a discussion of the early attempts to explain the phenomena of light, and then proceeds to a more detailed account of the development of the theory of light as a wave phenomenon. The author then discusses the various experiments which have been performed to test the theory, and finally comes to a conclusion that the wave theory is the most satisfactory one at present.

CHAPTER 2

The second part of the book is devoted to a more detailed account of the wave theory of light. It begins with a discussion of the various properties of light, such as its reflection, refraction, and diffraction, and then proceeds to a more detailed account of the various experiments which have been performed to test the theory.

CHAPTER 3

The third part of the book is devoted to a more detailed account of the various experiments which have been performed to test the wave theory of light. It begins with a discussion of the various experiments which have been performed to test the theory of reflection, and then proceeds to a more detailed account of the various experiments which have been performed to test the theory of refraction. The author then discusses the various experiments which have been performed to test the theory of diffraction, and finally comes to a conclusion that the wave theory is the most satisfactory one at present.

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SCHOOL BUILDING ASSISTANCE COMMISSION

PROJECTS APPROVED

As of June 30, 1958, the Commission had approved 790 school construction projects, 588 in 248 towns, 182 in 33 cities, and 20 in 20 regional school districts. The total of the estimated approved costs (exclusive of the costs of site acquisition) of these 790 projects is about \$464,000,000; the total state aid will be about \$165,000,000.

STATE CONSTRUCTION GRANTS

As of June 30, 1958, the Commission had certified payments of \$38,402,564.74 on 749 approved school construction projects, 560 in 243 towns, 171 in 33 cities, and 18 in 18 regional school districts. The total of the estimated approved costs of these 749 projects is about \$437,000,000; the total state aid will be about \$156,000,000.

REGIONAL SCHOOL DISTRICTS

As of June 30, 1958, thirty-six regional school districts had been established in Massachusetts. Six were established since July 1, 1957. Fourteen regional school districts were in operation, ten were under construction, eight were at various planning stages, three were in a state of temporary inactivity, and one was defunct.

LAW AFFECTING COMMISSION

The provisions of Chapter 645 of the Acts of 1948, AN ACT TO ENCOURAGE THE ESTABLISHMENT OF REGIONAL AND CONSOLIDATED PUBLIC SCHOOLS AND TO PROVIDE FINANCIAL ASSISTANCE TO CITIES AND TOWNS IN THE CONSTRUCTION OF SCHOOL BUILDINGS, were to expire, under the provisions of Chapter 413 of 1952, on June 30, 1959. Chapter 356 of 1958, approved on June 4, 1958, extended the provisions of Chapter 645 of the Acts of 1948, as amended, to June 30, 1965.

ANNUAL REPORT
1957-58
OFFICE OF SCHOOL LUNCH PROGRAMS

Since its establishment, the Office of School Lunch Programs has had a broad purpose to (1) improve the health of school children through serving more nutritious, well-balanced meals at minimum cost, and (2) to utilize the lunch period as an educational experience. To this end, the Office strives to provide the widest possible service and educational opportunities to the largest number of children in the Commonwealth. Service, guidance and instruction therefore, is accomplished by utilizing all practicable means — personal contacts; visits to schools; communications with representatives of the school, home and the community; bookkeeping assistance; accounting and auditing; and in classes at workshops and other meetings.

To accomplish these purposes, the Office is divided into the following operational sections: Accounting, School Lunch and Special Milk Programs, Nutrition Education and Commodity Distribution, with overall supervision in the Administrative Section. The Legislative authority for administration and operation of the National School Lunch Program in the Commonwealth of Massachusetts by the Department of Education and the cities and towns of the Commonwealth is contained in Chapter 54B of the Acts of 1948, as amended. This Act was designed to implement the operation of School Lunch Programs in the schools of the Commonwealth under the provisions of the National School Lunch Act and to provide, as necessary, funds to supplement Federal funds. It further provides that the Office of School Lunch Programs, with the approval of the Commissioner, shall prescribe rules and regulations governing the conduct of the Program in the Commonwealth and shall make such audits, surveys, and administrative reviews of operating programs as may be necessary to determine whether its agreements with sponsoring agencies and other regulations made pursuant to this Act are being complied with, and to insure that school lunch programs are effectively administered.

The fiscal year of July 1, 1957 to June 30, 1958 has marked a new era of progress and development in the National School Lunch and Special Milk Programs in the Commonwealth. Not only are we pleased to report an increase in the number of schools participating in the Program, in the number of Type "A" Meals served, and in the bottles of milk served to children; but a refinement in the regulations governing both programs has resulted in operational policies which will greatly insure that the intent of the law concerning both programs will be carried out in fact and in spirit by our participating schools. Although the revisions of the Milk Program were not effective until June 1, 1958, and the Lunch Program revisions effective on July 1, 1958; numerous meetings with members of the state agencies and representatives of the United States Department of Agriculture during this fiscal year have paved the way for changes which will have a marked effect on the operation of the programs in future years. As these changes mentioned have little or no effect on schools participating during this fiscal year, they will be defined further in our next annual report.

As in the past, improved program operations in the schools have been extremely noticeable, resulting in more nutritionally balanced meals for children, as well as a more complete utilization of United States Department of Agriculture commodities, equipment, and existing facilities and personnel. Due to the fact that school administrators and school lunch personnel have availed themselves of the many services offered by the Office of School Lunch Programs, the overall growth of the Program has been strengthened by cooperation between the State and local levels.

There has been a steady growth, also, towards the acceptance by school administrators of the philosophy that the school lunch is an integral part of the school program, and therefore, should occupy a proportionate role as far as financial and educational support is concerned. As an indication of their acceptance, a greater number of communities are paying salaries of school lunch personnel, as well as providing for other expenditures in the lunchroom, such as rent, light, gas and equipment when preparing the annual school budget. Table No. II reflects the important role of "City and Town Appropriated Funds" in respect to the other sources of income. When local funds are provided to assist the program, it allows for the utilization of the child's lunch money towards the actual cost of the food itself, and the lunchroom is therefore able to operate on a sounder financial basis, and offer lunches to children at low cost.

This is the seventh year that the State legislature, through the enactment of Chapter 538, has provided for the payment of deficits between the amount available from the Federal allotments and the maximum amounts which could be paid to schools. Through this enactment, it has been made possible to establish a cash reimbursement policy of 9¢ for all Type "A" Meals, and 6¢ for all Type "B" Meals. During the fiscal year, \$1,695,000.00 was paid to schools in reimbursement payments from the "State School Lunch Partial Assistance Appropriations".

The maximum reimbursement policy, together with United States Department of Agriculture commodities made available to schools has made possible a pricing policy of the Type "A" lunch at 25¢ or less to the children. Although the lack of Section 6 surplus commodities was most evident during this fiscal year, we believe that by maintaining the price of the Type "A" lunch at 25¢ or less, that it was possible for more children to participate in the program, and the greater volume of lunches has, in turn, enabled more schools to break even in respect to costs.

ACCOUNTING AND STATISTICAL SECTION

Previous mechanization of office record-keeping procedures has resulted in a rapid completion of program auditing requirements, saving additional time available for other internal and related activities. Continued emphasis has again been placed on local problems dealing with the National School Lunch Program and the Special Milk Program, as well as direct assistance to sponsors in the organization and maintenance of adequate accounting records. However, due to the lack of funds for travel, we were unable to fully assist schools seeking guidance and instruction in this area; and we feel that supervisory coverage in this area was not adequate to insure that school lunch programs are effectively administered.

During the fiscal year, fifty-five audits were completed by our Field auditors, which is less than one-third the number we had anticipated when submitting our report to the Audit Division of the United States Department of Agriculture in the Fall of 1957. Once again, insufficient travel money was the reason for our limited audit program during the fiscal year, and it was necessary to assign our three full-time Field Accountants to internal activities for most of the fiscal year. In order to comply with the auditing requirements of the United States Department of Agriculture, it will be necessary to provide ways and means for the establishment of additional Field Accountant positions in the Western and Southeastern areas of the State. Field audits are both necessary and required, and represent one of the most important phases in the program to insure that Federal-State regulations are fully complied with.

In order to determine the financial status of all programs in the Commonwealth, a profit and loss statement was completed as of the last working day in November 1957 and March 1958. In a follow-up, attempts were made to assist the schools to adjust their programs, utilizing the data available from the profit and loss statement, as well as all other available information which would contribute to the overall efficiency of each program.

An annual statistical report is prepared and edited by the Office of School Lunch Programs which compiles State-wide participation percentages in the National School Lunch and Special Milk Programs; indicating the average daily attendance in both programs, total meals served, total milk served, total reimbursement, and value of United States Department of Agriculture commodities utilized by every school lunch program, by town and counties, for the fiscal year ending June 30, 1958. The average State-wide percentage of participation was 57.61 for meals and 82.32 for milk. A review of this report, sent to all superintendents of schools, will provide school administrators with an opportunity to compare the statistics for their communities with others of like size or who have comparable situations, when school budget appropriations and other program policies are being revised.

During the 1957-1958 fiscal year, 2,392 schools were participating in the National School Lunch and/or Special Milk Programs, representing 329 cities and towns in the Commonwealth out of a possible 351, or a program coverage of 93.7%.

Under the National School Lunch Program, 39,642,560 lunches were served to children, with the sponsoring agencies receiving cash reimbursements of \$3,424,404.27. This represents a gain of 4,401,709 lunches or a gain of 12.7% over the 1956-1957 fiscal year. A total of \$1,695,417.27 was expended from State appropriated monies in the payment of school lunch claims, or 49.4% of the total amount of reimbursement payments, the remainder of which coming from the Federal allotment.

Under the Special Milk Program, 117,379,257 half pints of whole, unflavored white milk were served to children, with the sponsoring agencies receiving cash reimbursements of \$2,542,495.85. This represents a gain of 7,846,561 half pints or a gain of 7.2% over the amount consumed during the 1956-1957 fiscal year.

For both programs, \$5,966,900.13 was expended in the payment of claims to schools in the Commonwealth, representing an increase of \$20,229.61 or 9.6% over the 1956-1957 fiscal year.

Table I, indicates the "Comparative Figures for 1943-44 (the first year of the program) and the 1948-49 to 1957-58 fiscal years, for public and private schools combined".

Table II, School Lunch was a \$26,836,000.00 Business in the Commonwealth of Massachusetts, during the 1957-1958 Fiscal Year.

| <u>Source</u> | <u>Totals</u> | <u>%</u> |
|---|-----------------|----------|
| Children's Payments | \$13,114,000.00 | 49.7 |
| National School Milk Program Grant | \$ 2,543,000.00 | 9.6 |
| National School Lunch Program Grant | \$ 1,729,000.00 | 6.5 |
| State School Lunch Partial Assistance Appropriation | \$ 1,625,000.00 | 6.4 |
| City and Town Appropriated Funds | \$ 2,817,000.00 | 10.6 |
| Other Income at School Level | \$ 1,483,000.00 | 5.6 |
| Miscellaneous Income | \$ 594,000.00 | 2.2 |
| Value of Used Commodities | \$ 2,361,000.00 | 8.9 |

Note: This table does not indicate the net worth of equipment in the school lunchrooms, used in the preparation, storage, or serving of food to children; or the monies expended in obtaining and maintaining same.

TABLE I. COMPARATIVE FIGURES FOR THE 1943-44 AND 1948-49 TO 1957-58 FISCAL YEAR

PUBLIC AND PRIVATE MILK MILK COMPARISON

| Fiscal Year | Cities & Towns | Number of Schools | Number of Pupils | Bottles of Milk | Federal Grants | State Appropriations | Cities & Towns Matching Funds | Funds of USDA Direct Dist. Commodities | Value of Commodities |
|-------------|----------------|-------------------|------------------|-----------------|----------------|----------------------|-------------------------------|--|----------------------|
| 1943-44 | 128 | 964 | 2,629,953 | 13,583,023 | 440,952. | ---- | ---- | 1,223,709 | 103,537. |
| 1948-49 | 261 | 1613 | 7,756,513 | 30,781,471 | 1,048,278. | ---- | 1,199,406. | 16,839,767 | 1,513,596. |
| 1949-50 | 282 | 1656 | 10,464,908 | 36,461,934 | 1,168,579. | ---- | 1,297,503. | 20,236,189 | 1,966,688. |
| 1950-51 | 286 | 1861 | 12,429,178 | 37,083,743 | 1,309,179. | ---- | 1,748,006. | 19,666,119 | 2,479,447. |
| 1951-52 | 289 | 1905 | 16,828,262 | 49,441,611 | 1,445,523. | 635,022. | 1,988,749. | 6,184,854 | 1,430,391. |
| 1952-53 | 299 | 1941 | 19,037,721 | 55,007,498 | 1,454,836. | 961,894. | 2,119,818. | 5,761,902 | 2,374,435. |
| 1953-54 | 304 | 1960 | 22,955,758 | 62,005,634 | 1,463,888. | 1,299,496. | 2,268,614. | 13,542,932 | 4,563,085. |
| 1954-55 | 307 | 2016 | 26,475,938 | 74,972,274 | 1,973,627. | 1,497,419. | 2,603,173. | 11,156,186 | 4,094,551. |
| 1955-56 | 314 | 2222 | 30,514,111 | 92,463,817 | 3,565,047. | 1,083,002. | 2,570,263. | 11,979,852 | 4,159,937. |
| 1956-57 | 325 | 2324 | 34,650,851 | 109,535,696 | 4,279,130. | 1,167,541. | 2,606,404. | 17,882,933 | 5,515,600. |
| 1957-58 | 339 | 2392 | 39,052,560 | 117,379,257 | 4,271,452. | 1,695,447. | 2,816,504. | 12,743,475 | 3,395,287. |

COMMODITY DISTRIBUTION SECTION

The purpose of the Commodity Distribution Program is to secure, store and distribute commodities made available by the U. S. Department of Agriculture to schools, institutions, child care, summer camps and welfare departments. These foods must be distributed in accordance with rules and regulations set up by the Federal and State Government.

To comply with the regulations, we have five warehouses located in three cities to provide storage for the cars of commodities that require either dry or cold storage.

A schedule is maintained showing the maximum amount of a commodity that is allowed per child or per person. This schedule is the guide when commodity orders are filled. Restricting the quantity wanted, in proportion to the amount in inventory, the stock in the storeroom will be held to a minimum, thereby preventing deterioration and spoilage at the school or institution.

In the 1957 - 58 fiscal year, the total amount of commodities distributed was 12,743,475 pounds having a value of \$ 3,395,287.20. This represented 221 freight cars arriving at the warehouses in the various sections of our state. This was not our biggest year in volume but it will exceed the average year. For the most part, the decrease in the pounds of Direct Distribution Commodities and the Wholesale Value of Commodities was due to decreased United States Department of Agriculture purchases, especially in high protein foods such as hamburger, canned meats and turkeys purchased for school lunch use only.

The commodities distributed by this Section included; butter, cheese, lard, pea beans, lima beans, corn meal, dried eggs, flour, dried milk, rice, grapefruit sections, canned peas, canned tomatoes, peanut butter, canned peaches, canned green beans, canned cherries and frozen hamburger. A further breakdown will illustrate the assistance rendered to the various participating groups:

| <u>Category</u> | <u>Pounds</u> | <u>Value</u> |
|---------------------------|---------------|-----------------|
| Public Schools | 7,345,713 | \$ 2,081,768.18 |
| State Schools | 939,008 | 279,513.55 |
| State Institutions | 2,659,523 | 566,723.00 |
| Institutions | 1,266,571 | 325,144.97 |
| Child Care & Summer Camps | 443,427 | 120,137.60 |
| Welfare Agencies | 89,233 | 21,999.90 |
| Grand Total | 12,743,475 | \$ 3,395,287.20 |

There were no important changes in the United States Department of Agriculture regulations governing the operation of the Commodity Distribution Program, other than the disposition of commodities in transit to the control of the State Agency.

Previously, damaged commodities were returned to the railroad and a claim made against the railroad for the loss. Under the revised regulations, all commodities must be retained for distribution unless so badly damaged or spoiled, that they cannot be used for human consumption. These commodities are now to be disposed of by the State Agency and a claim made against the railroad for the damage.

Caseload increases have been reflected substantially in our schools. Other categories have been stationary for the most part, and the effects of the recent unemployment crisis did not show any marked increase. The City of Springfield advised that they wanted to re-open the distribution to the needy program, but this has not materialized.

NUTRITION EDUCATION AND TECHNICAL SERVICES

Continued requests for assistance to supplement architects plans have been processed by this Office in increasing numbers during the fiscal year. A proportionate amount of staff time therefore was devoted to this phase of service during the 1957-1958 fiscal year. For the most part, such increased numbers of requests have indicated that school administrators are assuming a greater responsibility for the efficient functioning of the school lunchroom, and fully realize the value of impartial advice, not always available when architects rely on lunchroom equipment manufacturers and sales representatives. Within the fiscal year, overcrowding conditions in many of our schools have placed an extreme spacial burden on the entire school plant. New schools cannot be completed fast enough and their remains the responsibility of feeding our children with facilities which were planned to take care of half their present number. We fully recognize the problem, and stand willing to assist local communities upon their request. Members of our staff have attended School Building Committee meetings throughout the Commonwealth to aid in the renovation of kitchens in older type buildings, as well as meetings with architects at the State and local level to evaluate plans prior to, and during construction of new buildings. By such cooperative planning, we have been able to help communities to save money on facilities and equipment needed immediately and, at the same time, assist in including possibilities for future expansion in the school plant. In essence, our basic philosophy depicts the lunchroom operation as an important part in the total educational program, and therefore, every phase of the lunchroom operation must be functional - if service is to be speedy, as noiseless as possible, and efficiently managed from the initial receipt of food in the storeroom and its final presentation to children in the serving line.

Over 14,716 copies of the Massachusetts School Lunch News Letter were sent out to school administrators and lunchroom personnel of participating schools during the fiscal year, giving information of Plentiful Foods, commodities available for distribution, menus and recipes, tips on storage and sanitation, and other practical services. Of special note were many articles governing the efficient operation of school lunch programs in face of the increased costs of food, and decreased commodities. Continuing from

previous years, additional emphasis has been placed on cost accounting of meals and maintenance of daily counter control records. In addition, articles of interest concerning specific school lunch programs in the Commonwealth have been published to assist in promoting better public relations, as well as commending local programs for excellence in the operation of their respective lunch programs. During the year, a number of articles were re-printed in magazines and publications with Nation-wide coverage; making it known to all concerned, that the Commonwealth has a lunch program which all can be proud of. As the News Letter requires the cooperation of all sections in the Office, the resulting effects on school lunch personnel in the Commonwealth justifies the publication as an important means of communication.

School Lunch Procedure Bulletins No. 1-4, together with Letters to the Superintendent and other School Lunch Administrators, were re-printed and effectual during the fiscal year.

The Annual School Lunch Summer Workshop, held for the 23rd consecutive season at Fitchburg State Teachers' College, from July 14 to July 18, 1957, was attended by 198 school lunch managers and workers. The range of topics included such practical ones as: Utilization of USDA Surplus Commodities; Portion Control; Equipment and Specification; Bookkeeping and Accounting; Sanitation; Adjusting Recipes to Make Menus Adequate; Food Demonstration; and Evaluation of Program Activities. The program was developed around films, visual aids, lectures and group discussions.

The Second Annual School Lunch Spring Workshop was held at Springfield from April 21 - 23, 1958, attended by 153 school lunch managers and workers. The range of topics included such practical ones as: Selection, Use and Care of Cutlery; Efficient Range and Oven Production; Cooking Demonstrations; Refrigeration; Purchasing Canned Foods; Sanitation; Utilization of USDA Surplus Commodities; and Portion Control - Cost Control in School lunch.

The Third Annual School Lunch Spring Workshop was held in Boston from April 23 - 25, 1958, attended by 426 school lunch managers and workers. This workshop was primarily designed for training personnel in the Boston area, and the topics paralleled those of the Springfield Workshop listed above.

During October and November, County Workshops for lunchroom personnel were held in conjunction with the Annual County Teachers' Association meetings. Programs for these meetings consisted of food demonstrations, round table discussions on school lunch problems, methods of food preparation and lunchroom planning. A combined total of 1512 attended the ten County Workshops held in various parts of the Commonwealth. Table III on Page 10 indicates the overall attendance at the above mentioned workshops.

A pilot project was originated to emphasize the need for Nutritional Education within the School curriculum by serving an especially prepared

breakfast to 357 students at Amherst Regional High School. Procedures were devised to stimulate and promote greater participation in the School Lunch Program, as well as to assist teachers in the correlation of good nutritional habits with regular school subjects. Sponsorship was assumed by the Student Council, and publicity in radio, newspapers, and television added impetus to the importance of sound meals.

Among the many functions of this section, staff time is utilized in the following: Speaking engagements of F.T.A. groups; Perform comprehensive analysis of School Lunch Programs; Visit schools for the purpose of Administrative Reviews; Interview prospective applicants for local managers and Supervisors positions; meet with School Committee and Building Committee members on special problems; assist with In-Service Training programs at the local level; assist with activities and functions of the Massachusetts School Food Service Association, and the School Lunch Advisory Committee; and all other services pertaining to the supervision of National School Lunch and Special Milk Programs in the schools of the Commonwealth.

ADMINISTRATIVE SECTION

Effective June 1, 1958, an incentive payment system of reimbursement was inaugurated for all schools, summer camps, and other child-care institutions that do not offer milk to children as a separately priced item under the Special Milk Program. The "base method" system employed last year was too complicated to fit the food or milk service operated by participating programs; and in its place the sponsor is now required to submit a plan which includes the methods used to increase the consumption of whole, white, unflavored milk to children.

During the fiscal year, 164 Administrative Reviews were completed, as compared with 230 for the previous year. Once again, insufficient travel money, coupled with inadequate staff to keep current with the number of programs requiring assistance, was the reason for such a limited Review program. Although our present policy has shifted from volume of Reviews toward more concentrated help, we were unable to provide direct assistance, as requested by many schools.

In February, a new Multilith Printing Machine, model 1250, was purchased and installed. A total of 373,425 impressions were made during the fiscal year, satisfying all printing requirements of the Office, within the capabilities of the machine.

During the fiscal year, this section performed all duties and functions, relating to the operation, supervision and responsibility for the Programs in the Commonwealth, under the guidance of the United States Department of Agriculture.

TABLE III. OVERALL ATTENDANCE AT MEETINGS

| <u>YEAR</u> | <u>SUMMER</u> | <u>COUNTY CONVENTION</u> | <u>SPRING WORKSHOPS</u> | |
|-------------|-----------------|--------------------------|-------------------------|--------------------|
| | <u>WORKSHOP</u> | <u>WORKSHOP</u> | <u>BOSTON</u> | <u>SPRINGFIELD</u> |
| 1948 | 54 | - | - | - |
| 1949 | 75 | 674 | - | - |
| 1950 | 125 | 729 | - | - |
| 1951 | 153 | 811 | - | - |
| 1952 | 159 | 943 | - | - |
| 1953 | 126 | #2 | - | - |
| 1954 | 209 | 1008 | - | - |
| 1955 | 211 | 1209 | - | - |
| 1956 #1 | 236 | 1473 #3 | 450 | |
| 1957 | 198 | 1512 | 518 #4 | 177 |
| 1958 | - | - | 428 | 153 |

NOTE:

- #1. 10th Birthday Anniversary of the passage of the "National School Lunch Act".
- #2. School Lunch Workshop meetings in conjunction with County Teachers' Association meetings cancelled in 1953, as Boston was host at the American School Food Service Association Convention.
- #3. 1st Spring Workshop at Boston.
- #4. 1st Spring Workshop at Springfield.

DIVISION OF UNIVERSITY EXTENSION

ANNUAL REPORT

July 1, 1957 - June 30, 1958

The Annual Report of the Division of University Extension for the year 1957-58 continues to show an increasing enrollment, an expansion of activities, and a significant increase in receipts to the Commonwealth. This year, the Annual Report will discuss activities in the same form as last year under the five divisions indicated below.

1. Program Development
2. Staff and Instructional Personnel
3. Special Services of the Division
4. Accounting and Administrative Procedures
5. Future Objectives of the Division

I

PROGRAM DEVELOPMENT

The fundamental principle of University Extension is "To provide the widest possible educational opportunity to the largest possible number not already served by other educational agencies." This reflects itself in the shift of locations to new communities as interest arises. For 1957-58, the new communities are as follows:

| | | |
|-----------|----------------|------------|
| Dorham | Needham | Walpole |
| Ipswich | Revere | Watertown |
| Middleton | Seekonk | Westboro |
| Natick | Vineyard Haven | Winchester |
| | | Woburn |

An examination of Table I indicates that in class enrollments we are approaching the all-time high level of 1937-38, with an enrollment of 30,858 students; correspondence enrollments numbering 6,424, have now surpassed the all-time high record of 1921-22. Although radio courses are not being given now, we are experimenting with television courses for credit. In Western Massachusetts, a fifteen lesson course with one-half hour each of television time was tied in with a correspondence course in chemistry. Approximately twenty-four students enrolled in this course. The course experienced difficulty because of injury to the antenna at Pittsfield, and because of the change in time at which the course was offered. A new course is being planned entitled "Science for the Elementary School Teacher"; it is hoped that this may be developed by the Spring of 1959.

One of the outstanding advances of the year was the appointment by the Massachusetts Board of Education of the State-wide Advisory Council for University Extension. Such a

council is authorized by General Laws, Chapter 15, Section 6; as in the past, it proved quite helpful to the Division. Invitations were sent to thirty-four representative citizens interested in the University Extension program; twenty-nine acceptances were received. The representatives came from four areas, Northeastern, including Boston; Central, including Worcester; Western, including Springfield and Pittsfield; and Southeastern, including Fall River and Cape Cod. Nine were appointed for one year, ten for two years, and ten for three years. The first regular meeting was held on Wednesday, May 28, 1958, at the College Club in Boston. Copies of the General Information booklet were distributed, reports from the different supervisors were made, and following discussion, recommendations for an extended public relations program were adopted. Future plans include a meeting in each area followed by an annual meeting in May or June of 1959.

As part of program development, the University Extension staff has been experimenting with new courses and new approaches. Among the new courses offered during 1957-58 are Economic Factors in Business Policy, High Fidelity Techniques, Records Management, Theory and Application of Atomic Energy for Science Teachers, and Workshop in Fingerprinting Identification.

The most significant new development this year was the inauguration of in-service training programs for state departments. These were worked out with the Governor's Office, the Division of Personnel and Standardization, the Division of Civil Service, as well as various state departments.

One illustration of this was the degree-granting program to be carried on jointly with the Lowell Technological Institute and the Department of Public Works, with the Division of University Extension conducting courses outside of Boston. A similar arrangement was made with the Department of Public Health and Department of Mental Health for a three-semester hour course in Medical Records Science; this had an enrollment of 75, with 59 certificates awarded at special exercises at the Lermuel Shattuck Hospital.

Other in-service training programs included the Parole Training Institute at Framingham Teachers College in co-operation with the Parole Board, with an enrollment of 34; 34 certificates were awarded. Other courses planned include a Vocational Rehabilitation Counselling Service at the University of Massachusetts in July of 1958; a course in Basic Dynamic Principles and Practices of Psychiatric Occupational Therapy in co-operation with the Department of Mental Health; and likewise three courses in the Utilization of Community Resources to be given in co-operation with the Civil Defense Agency.

Safe Driving Instruction and Driver Education courses continue to be our most popular and profitable venture. This year, 72 Safe Driving courses were offered in 19 cities and towns, with a total enrollment of 3123, and receipts of over \$46,000.

There were 7 courses in Driver Education with an enrollment of 460. New centers opened, beginning this year, in the Safe Driving program included Boston Teachers College, Bridgewater, Clinton, Dedham, Hingham, Holliston, Medford and Walpole.

Throughout Massachusetts, and the United States in general, emphasis has been placed on area or regional development. The West Springfield Summer School for high school students and candidates for the high school equivalency certificates was opened in July 1957, with an enrollment of 247, and with service to over 20 different communities in that area. The 1958 forecast of enrollments at West Springfield reveals 387 persons seeking the opportunity to make up subjects failed, or to take subjects for advanced credit, or to complete required courses for the high school equivalency certificate.

Another area developed was the pilot program at Lawrence High School, Falmouth, where in co-operation with the Falmouth School Committee and the Education Officers of the Otis Air Force Base in Bourne, a co-operative program of college and high school subjects was set up. The first year showed an enrollment of 156 in college courses, and 312 in high school subjects. The second year shows 243 enrollments in high school courses, 343 in college courses, and 40 in non-credit courses, a total of 626 enrollments. This pilot program should be expanded to form a community college for the Cape Cod area.

The "Milford Plan" program begun in 1954, has expanded rapidly so that the enrollment has risen to more than 500 in 1958. This program is primarily aimed at serving candidates for the high school equivalency certificate through an evening school arrangement, four nights per week, September to June. This program culminates annually with a commencement dinner with caps and gowns for the graduates; it serves more than 20 communities in the southcentral area.

In the field of School Television, Chapter 709 of the Acts of 1957 became effective in December. Under this Chapter the Massachusetts Board of Education established a Massachusetts Executive Committee for School Television, and placed the administration of the Act in our Office of Audio-Visual Services. Membership on this committee will be found on Chart II. Under the Act, cities and towns are authorized to appropriate up to \$1.00 per pupil per year for programming in-school television; at present, the normal appropriation amounts to 25¢ per pupil. Table VII will show the distribution of assessments and receipts and the participating communities in the Greater Boston area; it should be noted that almost \$73,000 has already been received toward the in-school television program. Television courses have been planned with appropriate teacher guides in co-operation with Channel 2, Station WBZ-TV. Subjects covered will include sixth grade science, fifth grade science, fourth grade social studies, third grade reading, and music for primary grades. Extension of the educational television service to Western Massachusetts is being developed quite rapidly, and may be aided materially by the National Defense Act of 1958.

Another area of program development has come about through co-operation with various educational and business agencies. In consultation with the Library Extension Division, a correspondence course in Cataloging has been prepared and issued; to date it is receiving substantial enrollments. In co-operation with the Junior Achievement of Eastern Massachusetts, Inc., a course designed especially for the Special Advisors group has been offered to aid in training leaders for Junior Achievement; again excellent enrollments have been received. In co-operation with the Massachusetts Association of School Committees, a class course in School Law for teachers and school committee members received excellent interest and enrollment as a beginning course. In addition, the Boston Better Business Bureau, using its "Fact" booklets has developed an eight-lesson course, and will be ready for issuance in December of 1958. Co-operative efforts such as these are a basic part of the program development in the Division of University Extension.

The public relations program recommended by the Advisory Council has been developed in different ways. Our Commissioner of Education set up a Public Relations Committee, which includes three members of the University Extension Staff, and has served the whole Department of Education in a co-ordinated program of releases and brochures. A new "Milford Plan" brochure, with pictures has created much favorable comment, and has been distributed throughout the state to encourage area developments and adult schools. The format of the weekly bulletins, as well as the Fall and Winter bulletins has been much improved through the aid of an artist on our staff. The State Department exhibit of bulletins and services has been a growing part of the annual conventions of many state-wide organizations. The results are quite evident, when one examines Tables I, II, III, and IV.

II

STAFF AND INSTRUCTIONAL PERSONNEL

The staff of the Division of University Extension, both for instructional and clerical personnel, continues to be of major concern in Division activities. During the year 1957-58, there was a great deal of staff turnover, especially in the positions of University Extension Instructor and Junior Clerk Stenographer. When one considers expenditures of over \$400,000, it is essential that the staff be procured and maintained to perform continuous service. Promotions and transfers ought not to occur until replacements are available to continue the work of the Division.

It is a pleasure to report that in 1957-58 budget provision was made for the appointment of an additional Assistant Supervisor, whose major duties would be in counselling senior citizens, as well as prospective applicants for high school equivalency between the ages of 16 and 20. An examination of Table III and Table VI-A will show the amount of counselling carried on by members of the staff.

As a means of co-ordination and understanding of Division activities, an institute was held for correspondence course instructors in May 1958. This was well attended and served to bring the staff and instructors together on professional standards and Division procedures. Recommendations were made for holding another institute during 1959.

Plans are being prepared for an institute for class instructors; this would involve two meetings so as to serve both the eastern and western areas, since the number of class instructors is well over 500. As a beginning in this direction the Director visited a number of instructors in the Winter 1958 program, and talked to both instructors and students about the Division of University Extension.

An extremely critical situation, demanding immediate attention is the audio-visual office with its increased duties. The organization of the activities of the Massachusetts Executive Committee on School Television is all centered in the audio-visual office which has both inadequate staff and inadequate facilities. Since the Legislature has authorized the in-school television program and has delegated the responsibility to the Board of Education, there should be an assistant supervisor, a bookkeeper, and a junior clerk stenographer procured for this office at the earliest possible moment. It is essential that this most worth-while program be staffed to administer and operate effectively and efficiently for the good of the Commonwealth.

Mention was made in the 1956-57 report of the recommendations for new rates for instructors and new fees for students to maintain these rates. A simplified version adopted by the Board of Education, and effective January 1, 1958, will indicate the progress made.

1. COLLEGE GRADE COURSES. Instructor payments - \$120 per semester hour; director, or local organizer, \$36 per course. Fees for college grade courses - \$10 per semester hour; non-residents \$15, auditors \$7.50.
2. ADULT AND HIGH SCHOOL COURSES. Instructor payments - \$6.00 per hour, plus 25¢ per paper for more than 40 students. Student fees - 50¢ per classroom hour.
3. SPECIALIZED ADULT CLASSES. Instructor payments - for 15 lesson course, \$7-28 range plus correction of papers. Student fees - 50¢ per classroom hour.
4. CORRESPONDENCE LESSONS. Instructor payment for correction of papers - 50¢ to \$1.25 per paper. Student fees - 75¢ to \$1.25 per lesson, plus cost of textbook.
5. Non-resident fees are proportionately higher, according to the course.

III

SPECIAL SERVICES OF THE DIVISION

Although the primary purpose of the Division of University Extension is to establish classes of instruction, either through class sessions or correspondence courses, the Division has taken on in forty years many special services. The State Exhibit, which includes illustrative materials from each division, has become increasingly popular at conventions. The Public Relations Committee, with activities centered in the audio-visual office, has co-ordinated releases and publicity programs.

The 1958 Legislature established free instructional service to World War I veterans. With this addition, over two-thirds of the enrollments in class and correspondence courses now receive free service from the Commonwealth of Massachusetts. Tables II and III will give the breakdown on free services.

Among the improvements recommended for making courses of instruction more effective is the counselling service previously provided within the Division. Table VI-A indicates that counselling service is increasing, especially for senior citizens and students under twenty years of age. With over 30,000 enrollments, it is essential that adequate counselling be given to citizens seeking to improve themselves, even though they are not working for a high school equivalency certificate or a college degree. Some consideration should be given to a department-wide counselling and guidance service under a director in order that a co-ordinated program may be developed.

In connection with counselling, attention should be called to the very extensive program of college courses at Westover Air Force Base in Chicopee, and Otis Air Force Base in Bourne. At Chicopee there are over 360 enrollments each year, and at Bourne 343 enrollments. In addition, more than 200 candidates for high school equivalency certificates are found at each Air Force Base. Since many of the students on the college level are working for college degrees in out-of-state colleges and universities, it is special service forms the nucleus for a pilot community college. It is probable that the new Board of Regional Community Colleges will examine this special service of the Division as a starting point for such community colleges.

Several years ago, under a directive of the law, the Division offered free service to state and county institutions. The high school equivalency program developed a co-operative effort with the correctional institutions in the state. A number of inmates in the institutions, under the direction of the educational officers, are working on correspondence courses to be applied towards their high school equivalency certificate.

Such services are being explored further with the Division of Elementary and Secondary Education to determine what credit, if any, can be given those of high school age who are in correctional institutions.

The audio-visual office is presenting both courses in audio-visual education and institutes, or workshops, in various sections of the Commonwealth. During 1957-58, a visit was made to the Regional High School in Martha's Vineyard. This institute stimulated the whole school system, and brought about a class course for teachers of Elementary Science. In addition, the audio-visual office ran a regional audio-visual conference in co-operation with the S.E.A. Department of Audio-Visual Instruction at the University Club in Boston, from which was issued a brochure which has been in demand throughout the country. Beginning July 1, 1958, in co-operation with the Library Extension Division, a regional film center was set up in the regional library at Greenfield; this has meant increased service to the western part of Massachusetts, and the addition of \$2500 worth of films not formerly available.

Previously mentioned was the location of the co-ordinating secretary of the Massachusetts Committee on School Television within the office of audio-visual service. Reference has already been made to Table VII which shows the large number of communities being served by the program of in-school television. The Table reveals that this special service cannot be effectively conducted unless the audio-visual office is adequately staffed.

The Division of University Extension is constantly rendering special services to other Divisions within the Department for micrographing, multilithing, collating, and mailing. This co-ordination of effort is quite advisable and helpful, provided legislative enactments and Division requests supply the necessary clerical force to maintain these special services.

IV

ACCOUNTING AND ADMINISTRATIVE PROCEDURE

One of the major emphases of the last three years has been on Division organization, under the headings of Class Lessons, Correspondence Courses, High School Equivalency, Audio-Visual Services, and Administration. The development of these offices requires a "play-by-play" set of regulations so that the registrations, enrollments, records, and certificates are handled efficiently and rapidly. A handbook of procedures is now in process of development, with a calendar of activities to help in proper administration.

A major difficulty in a State Department is the maintenance of records to which reference can be made. This year the new Records Center at Walpole is proving invaluable for storing file folders and reports occasionally used. Such a procedure has released file cabinets and space for the current records.

Attention has been called to the new schedule of rates for instructor payments and student fees. While the Table submitted reveals an increase in receipts over last year of \$65,000, this has not been due entirely to increased rates, since the enrollments have increased by 5,000. From the point of view of accounting one ought to mention the fact that approximately 20,000 received free services; in spite of this situation more than \$40,000 was returned to the State to use for general purposes.

Another area in administration is the purchase and use of time-saving equipment. This year the addition of a collator, a bundle tying machine, and IBM Forms Writers have aided the mailing room to keep up with the volume of business in spite of illness, and shortage of clerical assistance. As enrollments and business increase, more clerical staff should be added in direct proportion.

Reference was made under Special Services to the need for adequate counselling. A study of the procedure in the high school equivalency program revealed that out of 4,000 interviews approximately 2500 applications were received; the Division is issuing approximately 400 certificates each year. Accordingly, a change in procedures was established. Inquiries by mail or in person are answered by the issuance of a set of explanatory material without counselling service; when the application is received and General Educational Development Tests have been taken, and when necessary fees and supporting data have been received, the application becomes a case; cases are then distributed equally to the supervisors for evaluation and interview. The full effect of this change in procedure will not be known until July 1959, but the number of applicants has decreased as Table III will show; these applicants are what would be termed in business circles as "firm applications" because they represent a definite decision of the applicant to complete the requirements to obtain the certificate.

Occasionally, the question is raised concerning standards for college courses. Transcripts of courses taken with grades received by individual students are being sent to and accepted by colleges and universities all over the United States. This is due to the fact that Mr. Hoyer, the first Director of the Division, and one of the founders of the National University Extension Association, developed a set of principles and standards accepted by the Association, and recognized by the United States Armed Forces Institute, and the Commission on Accreditation.

These standards include:-

- 1) Instructors with an A.B. degree at least, or with specialized training in specialized fields such as electronics, business management, and the like.

- 2) Instructors with college teaching experience, and approved by the Teachers College Presidents.
- 3) Course outlines, following college syllabi, and approved by the Board of Teachers College Presidents.
- 4) Six term papers, mid-term and final examinations.
- 5) Classes lasting 15 sessions of 1 3/4 hours each for 2 semester hour credits.
- 6) Attendance of 75% for the complete course.
- 7) Passing grade of "C" or 70% for undergraduate courses, and a "B" average, or 80% or above for graduate credit.
- 8) Library and reference books made available as needed and requested by the instructor.
- 9) Arrangements made for facilities, such as science and technical laboratories with college and high school administrators.

Inasmuch as the Division of University Extension carries on a program of adult education courses as well as college credit courses, there has been a growing tendency throughout the United States to co-ordinate all efforts in adult education. There are 27 State Directors of Adult Education in the United States with more being added each year. Statistics as to courses being given, enrollments being received, fees being charged, and area service being rendered, are gathered by the U. S. Office of Education and the Division of Adult Education of the National Education Association. The first national conference in this field was held at Princeton, New Jersey, in April 1958; the second such conference will be held in March 1959. From such conferences and from such statistics, there will arise an accounting procedure which will be invaluable when applied to the Division of University Extension in Massachusetts. The various Tables submitted in this report will indicate not only the wide coverage of communities and subjects for study, but also the possibilities of increasing service throughout the Commonwealth.

V

FUTURE OBJECTIVES OF THE DIVISION

The importance of university extension and adult education is emphasized in the following statement from the University of Wisconsin:

"The future welfare of the state," said the co-ordinating committee for higher education, "will depend a great deal on the vigor and variety of these adult education programs.

"Many facilities," the committee added, "have been developed for adult education. They include extension courses by the university and state colleges, evening courses by public and private colleges and schools, and the state vocational system."

The number of adults enrolled in adult education activities in 1957 is estimated as follows by the United States Census Bureau.

| TYPES OF EDUCATION ACTIVITY | PERSONS ENROLLED | % |
|-------------------------------|------------------|----|
| Civic and public affairs | 1,043,000 | 13 |
| General Education | 1,178,000 | 14 |
| Home and Family Living | 991,000 | 12 |
| Americanization | 107,000 | 1 |
| Trade, business and technical | 2,611,000 | 32 |
| Agricultural courses | 352,000 | 4 |
| Recreational Skills | 921,000 | 11 |
| Others | 1,068,000 | 13 |
| Total | 8,271,000 | |

Throughout this report mention has been made of future objectives. The in-service training program with other departments of the State will be continued and expanded during 1958-59. Analysis of time-saving devices and form letters will be continued. Institutes for class lesson instructors will be organized, and visits to various classes will be made by the Director. Co-operative arrangements with other divisions and with adult education agencies will be increasingly developed.

One very important area needs to be explored very carefully. The in-school television courses are receiving recognition both within and without the State. There should be much more experimentation with courses for credit both at the high school and college level. Such courses will require standards and procedures, with end-of-course examinations, to establish the right to credit. With the help of the Board of Teacher College Presidents and representatives from other colleges and universities, it is hoped to develop a set of standards which will meet with institutional approval.

Mention has been made several times of the necessity for the proper staffing of the audio-visual office. The implications of the National Defense Education Act reveal many possibilities for the proper use of this office, if an adequate staff is provided. When the Legislature enacted into law the

organization of the Massachusetts Committee on School Television, it did not make any appropriation to care for the supervision and administration of the Act. During 1958-59, this matter should be thoroughly explored and either one or two steps should be taken:-

1. Allocation of a percentage of the receipts to provide for staffing the audio-visual office to administer the in-school television program, or
2. Provision in the 1959 budget for an assistant supervisor, a bookkeeper, and a junior clerk stenographer.

One of the extremely important developments for the future contemplates the organization of the state in areas, with special attention to the new regional high schools. Visits are already in prospect to the Tantasqua Regional High School in Sturbridge, the Silver Lake Regional High School in Kingston, the Fall River - New Bedford area, and the Tahar Regional High School in Orange. The organization of other schools under the Division of University Extension, with the models of the Milford and West Springfield plans to follow, will create a future development for college courses or possibly regional community colleges. It must be remembered that 22% of the students entering grade nine leave high school without graduation for one reason or another. The Massachusetts record of retaining 78% for graduation of the pupils who enter grade nine is the highest in the nation. Nevertheless, some 8000 persons per year, when they reach the age of twenty, are eligible to work for the high school equivalency certificate. In this day of search for adequate manpower and for strengthening the national defense, such area schools will provide invaluable aid for the citizens of the Commonwealth.

More extensive use of the Statewide Advisory Council is anticipated in 1958-59. Represented on the council are many professional and vocational interests; we plan to explore with the council members various phases of cooperation with a view to providing more and new class and correspondence courses for adults throughout the state.

CONCLUSION

The 1957-58 report of the activities of the Division of University Extension reveals how widespread the program is, and how great the demand is for adult education courses, institutes, and workshops. Again, attention should be called to Tables I to VII which follow this report, as well as to Charts I and II which show the organization of advisory committees. The achievement recorded and the progress and expansion made have been possible only through the devoted service of the staff of University Extension. The future continues to hold much of promise as all agencies of adult education work together to strengthen the citizenry of Massachusetts in their educational background.

COMMONWEALTH OF MASSACHUSETTS

DEPARTMENT OF EDUCATION

CHART I
STATE ADVISORY COUNCIL
January 1, 1958

DIVISION OF UNIVERSITY EXTENSION

| NAME | TERM
EXPIRES | ORGANIZATION | ADDRESS | TOWN |
|---------------------------|-----------------|---|-------------------------|---------------|
| Bonney, Mrs. Richard | 1959 | Mass. Fed. Women's Club | 63 Vermont Street | West Roxbury |
| Freedman, Haskell | 1959 | Mass. School Committees | 118 Homer Street | Newton Centre |
| Gillis, Dr. Frederick | 1961 | Boston Public Schools | 15 Beacon Street | Boston |
| Greehan, Thomas | 1960 | Div. of Civil Service | 29 Stearns Road | Belmont |
| Kelley, Kenneth | 1960 | Sec'y. Mass. F. of L. | 11 Beacon Street | Boston |
| Knox, John | 1959 | Associated Press | 230 Congress Street | Boston |
| Maloy, John D. | 1961 | Yankee Network | 21 Brookline Avenue | Boston |
| Meier, Dr. Frederick | 1960 | Pres. Salem S.T.C. | 9 Loring Avenue | Salem |
| C'Leary, Rt. Rev. Timothy | 1961 | Archdiocesan Supt. Schools | 468 Beacon Street | Boston |
| | | Central Area - Worcester | | |
| Capece, Nicholas J. | 1959 | Medicine | 8 West Street | Milford |
| Klump, George D. | 1960 | General Electric Company | 166 Broad Street | Fitchburg |
| Lydon, Dr. Martin | 1961 | Pres. Lowell Tech. Inst. | 1 Textile Avenue | Lowell |
| Stanley, George A. | 1961 | Union Twist Drill Company | 12 Elm Street | Athol |
| Taylor, Thurston | 1960 | Worcester Public Library | 67 Winter Street | Worcester |
| Wallace, Richard | 1959 | Haverhill Public Schools | | Haverhill |
| | | Western Area - Springfield and Pittsfield | | |
| Brown, Barbara | 1959 | Bus. & Professional Women | 310 State St., Spfld. | E. Longmeadow |
| Downie, Dr. Willard | 1960 | Sheffield Regional School | Southern Berkshire Reg. | Sheffield |
| Higgins, Barbara | 1961 | Agric. Co-op. Extension Serv. | University of Mass. | Amherst |
| Mayers, Mrs. Robert | 1960 | Mass. Congress P.T.A. | 27 Davis Street | Greenfield |
| Packard, Sidney R. | 1959 | Co-ord'r 4 Coll. Extension | 45 Ward Avenue | Northampton |
| Robinson, Frederick B. | 1961 | Dir. Museum of Fine Arts | 49 Chestnut Street | Springfield |
| Winant, John | 1961 | Mgr., Sprague Electric Co. | 87 Marshall Street | North Adams |
| | | Southeastern Area - Fall River and Cape Cod | | |
| Broadbent, Harvard H. | 1959 | Barnstable Public Schools | Park Ave., Centerville | Hyannis |
| Cook, Norman | 1960 | Cape Cod Chamber of Commerce | 210 South Street | Hyannis |
| Eastman, William H. | 1960 | John Hancock Ins. Co. | Berkeley St., Boston | Sharon |
| Tonseca, Hon. Mary | 1961 | Mass. General Court | 102 Webster Street | Fall River |
| Sears, Miss Mary | 1960 | Falmouth School Department | Glendon Road | Woods Hole |
| Tarvers, Mrs. Anthony | 1959 | | 178 Bradford Street | Provincetown |
| Whitehead, James W. | 1961 | Sec. Mass. School Committees | P.O. Box 372 | New Bedford |

CHART II

MASSACHUSETTS EXECUTIVE COMMITTEE FOR SCHOOL
TELEVISION

December 9, 1957

CHAIRMAN

Dr. J. Bernard Everett
Director of Instruction
Newton Public Schools

Mr. William H. Ohrenberger
Assistant Superintendent of
Schools
Boston Public Schools

CO-ORDINATING SECRETARY

Mr. Kelsey B. Sweatt
Supervisor of Audio-Visual
Services
State Department of Education

Rt. Rev. Msgr. Timothy F.
O'Leary
Superintendent of Schools
Archdiocese of Boston

TREASURER

Mr. John B. Hendershot
Superintendent of Schools
Wakefield

Mr. Ralph Proctor
Superintendent of Schools
South Braintree

Mr. Frederick B. Robinson
Executive Director
Museum of Fine Arts
Springfield

Mr. Hart Fessenden*
Headmaster, Fessenden School
West Newton

Mrs. Grace Whitmore
Chairman
Eastern Massachusetts Council
for School Television

Mr. John Fitzpatrick
Superintendent of Schools
Chicopee

Mr. Graham T. Winslow
Chairman, Massachusetts
Council for Public
Schools
Boston

Mr. James D. McCarthy
Elementary Teacher
Houghton School
Cambridge

*Appointed 1958

TABLE I

ANALYSIS OF ENROLLMENTS - 1915 to 1958
(By 5-Year Periods)

| Year | Class Enrollments | Correspondence Enrollments | Radio Enrollments | Totals |
|---------------|---------------------|----------------------------|-------------------|--------------------|
| 1915-19 | 2,332 | 1,045 | - | 3,397 |
| 1920-24 | 24,117 | 5,330 | - | 29,447 |
| 1925-29 | 27,067 | 4,531 | 1,045 | 34,643 |
| 1930-34 | 33,218 | 3,976 | 179 | 37,373 |
| 1935-39 | 25,800 | 4,049 | 308 | 30,157 |
| 1940-44 | 28,458 | 3,464 | - | 31,922 |
| 1945-49 | 23,513 | 5,807 | - | 29,320 |
| 1950-54 | 20,522 | 3,628 | - | 24,150 |
| 1955-59 | 25,797 | 5,684 | - | 31,481 |
| All - 1915-59 | 35,040
(1937-59) | 6,350
(1921-2) | 2,276
(1926-7) | 39,413
(1937-8) |
| 1957-59 | 30,858 | 6,424 | - | 37,282 |

TABLE II

RECEIPTS AND EXPENDITURES - 1953 to 1959

| Fiscal Year | Cash Receipts from all Sources | Estimated Value Free Services | Totals (Estimated) | Expenditures |
|-------------|--------------------------------|-------------------------------|--------------------|--------------|
| 1953-54 | 1107,400.21 | 1202,240.00 | 2,309,640.21 | 1321,701.26 |
| 1954-55 | 125,592.52 | 203,740.00 | 329,332.52 | 301,097.97 |
| 1955-56 | 147,184.12 | 298,095.00 | 445,279.12 | 355,971.02 |
| 1956-57 | 175,109.00 | 305,910.00 | 481,019.00 | 404,739.00 |
| 1957-59 | 240,029.19 | 322,590.00 | 562,619.18 | 447,341.00 |

TABLE III
COMPARATIVE STATISTICS
(By 2-year periods)

CLASS INSTRUCTION

| YEAR | No. of Courses | No. of Towns | Enrollments | | Receipts | Expenditures |
|---------|----------------|--------------|-------------|--------|-----------|--------------|
| | | | Paid | Free | | |
| 1953-54 | 635 | 57 | 10,368 | 15,375 | \$159,539 | \$114,700 |
| 1955-56 | 672 | 76 | 10,247 | 15,550 | 124,149 | 105,500 |
| 1957-58 | 703 | 74 | 14,641 | 16,790 | 204,553 | 175,300 |

CORRESPONDENCE COURSES

LAURENCE COLLEGE

| | | | | | | |
|---------|-----|--------|-------|-------|---------|----------|
| 1953-54 | 175 | 19,371 | 1,440 | 3,441 | 120,320 | \$ 9,300 |
| 1955-56 | 166 | 19,840 | 1,361 | 4,323 | 17,347 | 12,700 |
| 1957-58 | 140 | 23,352 | 1,708 | 4,716 | 27,177 | 15,965 |

HIGH SCHOOL EQUIVALENCY CERTIFICATION

| YEAR | No. of Applications | No. Active Candidates | No. of Interviews | No. of Tests Given | No. of Certificates Awarded |
|---------|---------------------|-----------------------|-------------------|--------------------|-----------------------------|
| 1953-54 | 1,661 | 17,000* | 3,000 | 6,801 | 150 |
| 1955-56 | 2,073 | 19,000* | 5,940 | 7,330 | 308 |
| 1957-58 | 1,236 | 21,505 | 5,996 | 6,855 | 410 |

* Estimated

AUDIO-VISUAL SERVICES

| YEAR | Articles Received | | | Supervisors | | Films Bookings | Receipts |
|---------|--------------------|----------------|-----------|-------------|----------|----------------|----------|
| | Communities Served | School Systems | Libraries | Fulltime | Parttime | | |
| 1953-54 | 125* | 8 | 16 | 35 | 170 | 2,300 | \$3,296 |
| 1955-56 | 189* | 35* | 75 | 40 | 180 | 5,244 | 1,969 |
| 1957-58 | 150 | 27 | 73 | 50 | 275 | 12,500 | 3,790 |

TABLE IV

Month of June, 1958

Cumulative July 1, 1957 - June 30, 1958

| ENROLLMENTS | | | | ENROLLMENTS | | | |
|-------------|-----------|-------|------|-------------|----------|-------------|----------|
| | Receipts | Paid | Vets | Free (Inst) | Sr. Cit. | Free (Inst) | Sr. Cit. |
| Class | 16,868.75 | 905 | 604 | | | | |
| Corres. | 2,802.90 | 178 | 237 | 112 | 3 | | |
| Films | 125 | | | | | | |
| Class Pr. | | | | | | | |
| Others | 512 | | | | | | |
| Totals | 20,308.65 | 1,083 | 841 | 112 | 3 | | |
| Totals | | | | | | | |
| year ago | 12,072.00 | 636 | 689 | 111 | | | |

| BUDGET | | | | EXPENDITURES | | | |
|---------------------------|----------------|--------------|-------------------------------|---------------------|-----------|----------------------|--|
| Acct. No. | Budget 1957-58 | Appropriated | Income credited from receipts | Total Appropriation | Allotted | Expended or numbered | |
| 01 Payroll (Vera.) | | \$196,426 | \$5,095 | \$201,521 | \$201,521 | \$201,521 | |
| 02 Temporary Help | | 2,000 | 755 | 2,755 | 2,755 | 2,755 | |
| 03 Personal Services | | 40,000 | 170,000 | 210,000 | 210,000 | 191,265 | |
| 10 Travel | | 2,000 | 1,000 | 3,000 | 3,000 | 3,000 | |
| 11 Printing | | 5,000 | 4,500 | 9,500 | 9,500 | 9,500 | |
| 12 Repairs | | 600 | - | 600 | 600 | 550 | |
| 13 Miscellaneous Supplies | | 7,000 | 8,000 | 15,000 | 15,000 | 14,900 | |
| 14 Office Supplies | | 10,000 | 10,000 | 20,000 | 20,000 | 19,900 | |
| 15 Equipment | | - | 150 | 150 | 150 | 150 | |
| 16 Rent | | 3,925 | 500 | 4,425 | 4,425 | 4,300 | |
| Totals | | \$266,951 | \$200,000 | \$466,951 | \$466,951 | \$447,341 | |

*G.D. tests, transcripts, re-opening records, and evaluation fees

TABLE V

ANNUAL COMPARATIVE SURVEY OF ENROLLMENTS IN ADULT EDUCATION
COURSES (EVENING AND PART-TIME DAY COURSES)
July 1, 1956 to June 30, 1958

| <u>ENROLLMENT BY SUBJECTS</u> | <u>1956-57</u> | <u>1957-58</u> |
|--|----------------|----------------|
| ARTS AND CRAFTS
(Drawing, Painting, Handicrafts,
Decorating, Photography, etc.) | 1390 | 1353 |
| CIVIL SERVICE PREPARATION | 1380 | 2256 |
| COMMERCE AND FINANCE
(Business Administration, Secre-
tarial courses, Banking, etc.) | 5294 | 5531 |
| ENGINEERING, TECHNOLOGY, AND MECHANICAL
TRADES (Automotive, Civil, Electrical,
Mechanical, Blue Print, Drafting, etc.) | 6167 | 6735 |
| EXPERIENCE (Public Speaking, Radio
Broadcasting, etc.) | 671 | 533 |
| HOME MAKING (Child Study, Nutrition,
Home Repairs, etc.) | 482 | 625 |
| LANGUAGE AND LITERATURE
(English, Spanish, Russian,
Writers' courses, Literature, etc.) | 1716 | 1777 |
| RECREATION (Physical Education, Health, etc.) | 87 | 90 |
| SCIENCE AND MATHEMATICS (Astronomy,
Geology, Physics, Navigation, Algebra, etc.) | 4531 | 5888 |
| SOCIAL STUDIES (Economics, History,
Government, Sociology, Philosophy,
Religion, etc.) | 2421 | 2862 |
| TRADES, other than Mechanical
(Suit and Cloak Design, etc.) | 40 | 55 |
| AMERICANIZATION FOR CITIZENSHIP | 209 | 83 |
| GRAMMAR SCHOOL COURSES | - | - |
| HIGH SCHOOL DIPLOMA COURSES | 700 | 1070 |
| TOTAL | 25,441 | 30,858 |

TABLE VI

STATISTICS ON CORRESPONDENCE INSTRUCTION

July 1, 1957 - June 30, 1958

Enrollments in Correspondence Courses

| | | <u>Vets</u> | <u>D.V.</u> | <u>Free</u>
<u>Inst.</u> | <u>Senior</u>
<u>Citizens</u> | <u>Regular</u> | <u>USAFI</u> | <u>TOTAL</u> |
|-------|------|-------------|-------------|-----------------------------|----------------------------------|----------------|--------------|--------------|
| July | 1957 | 198 | 7 | 110 | 5 | 148 | 17 | 485 |
| Aug. | 1957 | 194 | 0 | 136 | 6 | 93 | 9 | 438 |
| Sept. | 1957 | 228 | 3 | 111 | 14 | 133 | 14 | 503 |
| Oct. | 1957 | 232 | 3 | 174 | 9 | 131 | 17 | 566 |
| Nov. | 1957 | 185 | 3 | 95 | 19 | 99 | 11 | 412 |
| Dec. | 1957 | 276 | 2 | 101 | 12 | 61 | 13 | 465 |
| Jan. | 1958 | 231 | 1 | 134 | 6 | 98 | 17 | 487 |
| Feb. | 1958 | 339 | 0 | 130 | 16 | 90 | 20 | 595 |
| Mar. | 1958 | 322 | 12 | 165 | 25 | 125 | 13 | 662 |
| Apr. | 1958 | 298 | 3 | 139 | 12 | 142 | 9 | 603 |
| May | 1958 | 277 | 0 | 117 | 14 | 255 | 15 | 678 |
| June | 1958 | 235 | 2 | 112 | 3 | 170 | 8 | 530 |
| | | <u>3015</u> | <u>36</u> | <u>1524</u> | <u>141</u> | <u>1545</u> | <u>163</u> | <u>6424</u> |

Correspondence Lessons Corrected, 1957-8

| | | |
|------------------|--------------|------|
| 1627 | July | 1957 |
| 2015 | August | 1957 |
| 1755 | September | 1957 |
| 1787 | October | 1957 |
| 1460 | November | 1957 |
| 1844 | December | 1957 |
| 1903 | January | 1958 |
| 1904 | February | 1958 |
| 1985 | March | 1958 |
| 2188 | April | 1958 |
| 2482 | May | 1958 |
| 2402 | June | 1958 |
| Papers Corrected | <u>23352</u> | |

TABLE VI-A

Inquiries about Correspondence Courses

1957-1958

| <u>Visitors
Counseled</u> | | <u>Answered by
Letters</u> | <u>Answered by
Bulletins</u> | <u>TOTAL</u> |
|-------------------------------|-----------------------|--------------------------------|----------------------------------|--------------|
| 32 | July | 55 | 132 | 187 |
| 47 | August | 27 | 119 | 146 |
| 82 | September | 39 | 253 | 292 |
| 56 | October | 60 | 259 | 319 |
| 31 | November | 35 | 155 | 190 |
| 44 | December | 40 | 128 | 168 |
| 57 | January | 82 | 241 | 323 |
| 55 | February | 64 | 232 | 296 |
| 53 | March | 73 | 214 | 287 |
| 53 | April | 51 | 254 | 305 |
| 42 | May | 54 | 169 | 223 |
| 47 | June | 50 | 150 | 200 |
| <u>599</u> | | <u>630</u> | <u>2306</u> | <u>2936</u> |
| 50 | Averages
per month | 53 | 192 | 245 |

TABLE VI-B

CORRESPONDENCE COURSE ENROLLMENTS BY SUBJECTS
ACTIVE ENROLLMENTS - DECEMBER 1, 1958

| <u>Classification</u> | <u>Active Students</u> |
|--|------------------------|
| AERONAUTICS AND NAVIGATION | 28 |
| ART | 123 |
| AUTOMOBILE COURSES | 123 |
| BOOKKEEPING AND ACCOUNTING | 171 |
| CIVIL SERVICE AND LICENSE PREPARATION | 234 |
| CLERICAL AND STENOGRAPHIC PREPARATION | 159 |
| ECONOMICS | 21 |
| EDUCATION | 27 |
| ENGLISH AND LITERATURE | 747 |
| FORESTRY | 23 |
| HISTORY AND GEOGRAPHY | 390 |
| HOMEMAKING | 14 |
| INDUSTRIAL DRAWING AND BLUEPRINT READING | 172 |
| INDUSTRIAL SAFETY AND FOREMANSHIP | 58 |
| LANGUAGES | 131 |
| LAW | 67 |
| LIBRARY SCIENCE | 74 |
| MANAGEMENT | 47 |
| MATHEMATICS | 963 |
| MECHANICAL ENGINEERING | 50 |
| METALLURGY AND WELDING | 30 |
| MUSIC | 65 |
| PSYCHOLOGY | 4 |
| RADIO, ELECTRICITY, AND ELECTRONICS | 417 |
| SALESMANSHIP AND ADVERTISING | 45 |
| SCIENCE | 166 |
| STRUCTURAL ENGINEERING | 117 |

Classifications, 27

Active Students

4,466

TABLE VII

EDUCATIONAL AGENCIES CURRENTLY PARTICIPATING FINANCIALLY
IN EASTERN MASSACHUSETTS IN-SCHOOL TELEVISION PROJECT

October 17, 1958

| <u>School System</u> | <u>Students</u> | <u>Assessments</u> | <u>Receipts</u> |
|---|-----------------|--------------------|-----------------|
| Abington | 2,271 | \$ 567.75 | \$ 567.75 |
| Archdiocese of Boston | 12,000 | 3,000.00 | 3,000.00 |
| Arlington | 7,000 | 1,750.00 | 1,750.00 |
| Ashland | 1,514 | 378.50 | 378.50 |
| Barre | 797 | 199.25 | |
| Bellingham | 924 | 231.00 | 231.00 |
| Belmont | 4,299 | 1,074.75 | 1,074.75 |
| Boston | 88,653 | 22,163.25 | 22,163.25 |
| Braintree | 6,587 | 1,646.75 | 1,646.75 |
| Brimmer and May School
(Chestnut Hill) | 40 | 10.00 | 10.00 |
| Brookline | 6,767 | 1,691.75 | 1,691.75 |
| Cambridge | 11,000 | 2,750.00 | 2,750.00 |
| Chelsea | 5,196 | 1,299.00 | 1,299.00 |
| Cohasset | 1,186 | 296.50 | 296.50 |
| Concord | 2,231 | 557.75 | 557.75 |
| Dedham | 4,014 | 1,003.50 | 1,003.50 |
| Douglas | 508 | 127.00 | 127.00 |
| Dover | 364 | 91.00 | |
| Drake Private School
(Concord) | | 25.00 | 25.00 |
| Duxbury | 953 | 238.25 | |
| Essex | 331 | 82.75 | 82.75 |
| Everett | 7,675 | 1,918.75 | 1,918.75 |
| Fessenden School
(West Newton) | 227 | 56.75 | 56.75 |
| Franklin | 1,596 | 399.00 | 399.00 |
| Friends Academy
(North Dartmouth) | 95 | 23.75 | 23.75 |
| Hopedale | 820 | 205.00 | 205.00 |
| Hubbardston | 204 | 51.00 | |
| Lexington | 5,200 | 1,300.00 | 1,300.00 |
| Littleton | 903 | 225.75 | |
| Lynnfield | 1,578 | 394.50 | 394.50 |

- 2 -

| <u>School System</u> | <u>Students</u> | <u>Assessments</u> | <u>Receipts</u> |
|--|-----------------|--------------------|-----------------|
| Malden | 9,128 | \$ 2,282.00 | \$ 2,282.00 |
| Manchester | 500 | 125.00 | 125.00 |
| Massachusetts State
Correctional Institutions | | | |
| Maynard | 1,310 | 327.50 | 327.50 |
| Medford | 9,833 | 2,458.25 | 2,458.25 |
| Melrose | 5,447 | 1,361.75 | 1,361.75 |
| Mendon | 386 | 96.50 | 96.50 |
| Middleton | 470 | 117.50 | 117.50 |
| Nahant | 648 | 162.00 | |
| Natick | 6,700 | 1,675.00 | 1,675.00 |
| Needham | 4,860 | 1,215.00 | 1,215.00 |
| Newton | 16,295 | 4,073.75 | 4,073.75 |
| Norwood | 4,067 | 1,016.75 | 1,016.75 |
| Peabody | 4,424 | 1,106.00 | 1,106.00 |
| Petersham | 108 | 27.00 | |
| Plainville | 415 | 103.75 | 103.75 |
| Plymouth | 2,570 | 642.50 | |
| Reading | 3,499 | 874.75 | 874.75 |
| Revere | 6,896 | 1,724.00 | 1,724.00 |
| Salem | 4,450 | 1,112.50 | 1,112.50 |
| Sharon | 2,333 | 583.25 | 583.25 |
| Sherborn | 317 | 79.25 | |
| Stoneham | 2,722 | 680.50 | 680.50 |
| Sudbury | 1,045 | 261.25 | 261.25 |
| Sutton | 801 | 200.25 | 200.25 |
| Townsend | 839 | 209.75 | 209.75 |
| Uxbridge | 1,348 | 337.00 | |
| Wakefield | 4,629 | 1,157.25 | 1,157.25 |
| Wayland | 1,836 | 459.00 | 459.00 |
| Wellesley | 4,682 | 1,170.50 | 1,170.50 |
| Weston | 1,716 | 429.00 | 429.00 |
| Westwood | 2,007 | 501.75 | 501.75 |
| Weymouth | 10,030 | 2,507.50 | 1,504.50 |
| Wilmington | 2,680 | 670.00 | 670.00 |
| Winchester | 3,744 | 936.00 | 936.00 |
| Winthrop | 2,892 | 723.00 | 723.00 |
| Wrentham | 518 | 129.50 | 129.50 |

NEW HAMPSHIRESUPERVISORY UNION #21

| | | | |
|---------------|-------|--------|--------|
| Hampton | 1,200 | 300.00 | 300.00 |
| Hampton Falls | 150 | 37.50 | 37.50 |
| New Castle | 145 | 36.25 | |
| North Hampton | 400 | 100.00 | |

- 3 -

| <u>School System</u> | <u>Students</u> | <u>Assessments</u> | <u>Receipts</u> |
|----------------------|------------------------------|--------------------|-----------------|
| Seabrook | 460 | \$ 115.00 | \$ 115.00 |
| South Hampton | 95 | 23.75 | |
| <u>NEW HAMPSHIRE</u> | <u>SUPERVISORY UNION #55</u> | | |
| Atkinson | 141 | 35.25 | |
| Hampstead | 149 | 37.25 | |
| | <u>TOTAL</u> | | |
| 75 | 303,818 | \$75,979.50 | \$72,691.00 |

DIVISION OF VOCATIONAL EDUCATION
AGRICULTURAL EDUCATION
DAY SCHOOLS AND DEPARTMENTS

Four District meetings were held for Superintendents, Principals and Teachers to discuss ways and means of improving the curriculum. Programs of instruction for each Center have been carefully reviewed and strengthened as a result of conferences with local directors. It has been gratifying to note that programs have been strengthened academically. Many Centers are requiring three academic subjects in addition to agriculture instead of two as in the past. Local School authorities have lengthened the school day to permit students to elect additional sciences in several instances.

A "Plans, Record and Account" book was developed and made available without charge to every center for use of each student. It becomes the first official State book for record keeping.

Emphasis was given in the 1958 Summer Conference to the Improvement in the quality of On-Farm instruction. Also, a form to require the reporting of supervised visits by teachers to students farming programs was adopted and made effective in September 1957.

A new department was established during the past year at Pioneer Valley Regional School, Northfield. At Norfolk a new dairy processing building has been completed to permit training in dairy industry. Expansion of facilities at Essex for similar training has been completed. The Templeton Department moved into new facilities during midyear, which are now located in the new Narragansett Regional High School. Barnstable has provided extensive facilities for Agriculture in the new high school.

One new chapter was established at Northfield. It was granted a charter by the State FFA Association on April 11. Chapters at Bridgewater and Middleboro were disbanded as both centers were discontinued. The State Association now consists of 26 County and High School Chapters as well as one collegiate chapter. Active membership held firm with 967 members.

Massachusetts was again well represented at the 1958 National FFA Convention. The delegation consisted of twenty-five members and four advisors from eight chapters.

Two chapters received National recognition in the Chapter Award program. Stockbridge received a Gold Award. Agawam received a Silver Award. Chapter Advisor Metcalf of Essex received an honorary American Farmer degree in recognition for his achievements over a span of 26 years with FFA. Walter Kellogg received the American Farmer Degree at Kansas City.

Four State FFA judging teams competed in National contests. One Silver, two Bronze and one participation ratings were awarded the teams for their performance.

The State FFA officers accompanied by their State Advisors spent one day on a "Good Will" tour in Boston. Four firms handling agricultural produce were visited in addition to the State Department of Agriculture. The main purpose of the annual trip is to foster stronger public relations and to obtain donors for the State FFA Foundation.

The Annual Summer Conference (46th) was conducted at Bristol County Agricultural School in July 1957.

Four District conferences were conducted by State Director of Vocational Education for Administrators, Directors, Heads of Divisions, and selected teachers. The meetings were designed to appraise the current programs in light of desired changes needed to improve the Agricultural curriculum of both County Schools and High School departments.

Three District FFA Leadership Schools for Developing State and Chapter Officers were conducted. State FFA Advisors, Chapter Advisors and State FFA Officers participated in planning and conducting the schools. Each program was for one day's duration.

The State Supervisor completed a survey on "Occupational Status of Graduates over a five year period."

The State Teacher-Trainer Supervisor is conducting two opinionnaires:

- (1) Time requirements for class instruction.
- (2) Preparation for college via the Vo-Ag curriculum.

The State Supervisors are cooperating on three regional research studies, namely:

- (1) Related Occupations.
- (2) Young Farmer Programs.
- (3) Improving On-Farm Instruction.

EVENING SCHOOLS

Six centers operated evening Agricultural Schools with an enrollment of 242 in twelve unit courses. One center that usually conducts an evening course was unable to do so on account of new facilities not completed.

AGRICULTURAL TEACHER-TRAINING

Excellent relationships continue to exist between the training institution, University of Massachusetts and the Division of Vocational Education. Cooperation received by the Agricultural Teacher-Training Office from both the School of Education and the College of Agriculture is splendid.

Although a total of 268 students were enrolled in the College of Agriculture during the past year only 135 were in the Junior and Senior classes. An analysis shows that only 35 are majoring in the phases of agriculture which our trainees must come from to qualify for training. Consequently, we are very limited in recruitment prospects.

Pre-Service Training

Eight trainees were enrolled in resident and practice teaching during the past year. Actually this number exceeds our current replacement needs. Three of these will continue and serve their apprenticeships for a full calendar year.

In-Service Training:

Special short-intensive schools in technical agriculture were conducted as follows: Care and Maintenance of Farm Tractors (30 hours), at Walpole - August 19-23, 1957; Care and Maintenance of Electric Motors (6 hours), at Clinton - July 24, 1957.

The Teacher-Training Office assumes responsibility for planning and conducting the FFA Leadership Schools. Three district schools were conducted for the benefit of Chapter and State Officers as well as for the Advisors. Each school was for one day's duration.

Special Duties and Services

The Annual three-day Summer Conference (46th) was conducted at Bristol during June 26 - 28, 1957.

A score of new agricultural texts were examined and reviewed for possible use in teaching vocational agriculture.

An important aspect of public relations activities in teacher-training includes providing leadership to the standing as well as special committees of the Massachusetts Agricultural Teachers Association. Members of the Teachers' Committee have assumed increasing responsibilities for publicizing their own activities, including the Annual Conference of Vo-Ag teachers and the State FFA Convention.

The Teacher-Trainer Supervisor serves as editor of the Massachusetts Staff Letter. He also serves on the North Atlantic Regional Standards and Policy Committee. The other Teacher-Trainer is a member of the Public Relations Committee for the Region.

Five issues of the Staff Letter have provided teachers with current information. Copies have been distributed to leaders in Agricultural Education throughout the East.

Miscellaneous public relations activities included orienting foreign educators through conference and inspection trips. Close working relations with Staff members of the College of Agriculture were maintained.

The program of recruitment should receive increasing emphasis in order to provide an ample supply of well-qualified teachers of vocational agriculture.

Cooperation with the State Supervisor and teachers of vocational agriculture in the development of a long-time program for the improvement of vocational agriculture in Massachusetts should be continued with emphasis placed upon in-service education, resource materials and teaching aids.

A brochure outlining opportunities for teaching vocational agriculture should be prepared and printed.

TRADE AND INDUSTRIAL EDUCATION

BOYS AND MEN

Day Schools

In order to have more effective supervision of the State-aided Day Vocational Schools, a rotating plan was used during the past year, whereby each supervisor was assigned a group of schools in a specific region for which he was responsible for the supervision during the first half of the school year. The second half of the school year, supervisors were assigned to supervise a different group of schools in another region. This plan for the supervision of the schools proved most effective inasmuch as at least two different supervisors visited the same school during the school year. Conferences were held with the Director and the Assistant Director periodically to exchange ideas on the supervision of the schools and plan ways and means of improving the programs as needed.

Sectional conferences were conducted at New Bedford, Springfield, Haverhill, and Boston, with local directors in these particular regions. Two State-wide local Directors' Conferences were held during the past year; one at Taunton during the winter and one at the Annual Summer Conference at the State Teachers College, Fitchburg, in June.

Two conferences were held with representatives of the fishing industry to discuss the establishment of a training program to meet the needs of that industry.

Enrollment in all-day schools show no marked change from that of last year. The total number of pupils enrolled was 13,769 including 12,598 boys and 1,171 girls.

The new King Philip Regional Vocational High School at Wrentham was established in January 1958 with courses in House and Mill Carpentry, and Machine Shop.

The following new departments and courses were established: Barnstable, Automobile Mechanics, Electrical, and Plumbing, new building was completed and occupied in September 1957; Framingham, Basic Electronics and Auto Mechanics, new vocational school building completed and occupied in February 1958; Salem, expansion of the trades offered in this school include a course in Basic Electronics which was established in February 1958; Springfield, course in Architectural Drawing has been given approval as of May 1, 1958; Waltham, Auto Body Repair, Basic Electronics, and Machine Drafting, new vocational school building was completed and occupied in September 1957; and Westfield, in this school, approval has been given to change the Cabinet-making and Patternmaking Department to a course in Shop Carpentry, this change took place November 1957.

Assistance in areas of unemployment was provided by the establishment of three part-time trade preparatory programs in the city of Boston to provide employment for displaced workers.

Part-time Cooperative and Apprenticeship Schools

Part-time Cooperative. Thus far the effects of the recession have not been in evidence regarding placement conditions in the part-time cooperative program in this State. It is felt, however, that if this recession is prolonged to any great extent, this program may be effected adversely. Wages being paid the cooperative students are above the minimum wage schedule.

Apprenticeship. Related instruction classes were conducted in 27 different centers with an enrollment of approximately 3550 apprentices in 187 classes giving instruction in 63 different trades.

Evening schools

Evening trade extension courses were offered in thirty-five centers throughout the State with instruction being given in forty-five different trade subjects. A definite trend to more technical type courses in the Evening Trade Extension programs is in evidence, such as courses in Hydraulics, Industrial Electronics, Toolmaking and Diemaking. In the Welding trade, Heli-arc Welding has been offered in eleven different centers.

Continuation Schools

The continuation schools in Boston, Cambridge, Leominster, and Taunton have been discontinued. The only continuation school in the State, not officially discontinued, is located in Springfield, even though it has had no enrollment during the past school year.

Private Trade Schools

The number of licensed schools on June 30 for each of the last four reporting periods is as follows:

| | | |
|------|---|------------|
| 1955 | - | 62 schools |
| 1956 | - | 47 schools |
| 1957 | - | 46 schools |
| 1958 | - | 44 schools |

Analysis of license fees received is as follows:

| | |
|---|------------------|
| 2 Original licenses @ \$100. | \$ 200.00 |
| 3 Changes of organization in schools already licensed (\$100. each) | 300.00 |
| 39 License Renewals @ \$50. | 1950.00 |
| <u>44</u> | <u>\$2450.00</u> |

Work in Training of Teachers, including pre-service and in-service, by State Board, by designated institutions, by local boards of education

The number of applications for admission to teacher-training classes conducted by the Division of Vocational Education was practically the same as last year.

Part I (first year) teacher-training courses consisting of 100 clock hours of classroom instruction and 20 hours of supervised practice teaching were conducted in the following centers: Boston, 2 classes; Springfield, 1 class. Two of these courses consisting of all-day classes were conducted for four weeks by members of the teacher-training staff of the Division of Vocational Education at the Fitchburg State Teachers College during the Annual Vocational Summer School. A total of eighty (80) students were enrolled in these teacher-training courses. Sixteen (16) different trades were represented in the enrollment.

Part II of the teacher-training course, consisting of 120 clock hours of class instruction, was conducted during the fall and winter in the following centers: Boston, 1 class; New Bedford, 1 class; Worcester, 1 class. Two of these courses consisting of all-day classes were conducted at the Fitchburg State Teachers College during the Annual Vocational Summer School. A total of sixty-five (65) students were enrolled. Nineteen (19) different trades were represented in the enrollment.

Professional Improvement courses for in-service teachers leading to the Degree of B. S. in Education (Vocational) were conducted in cooperation with the State Teachers College, Fitchburg, during the year; Springfield, 2 courses; and Boston, 4 courses.

As a condition of approval, professional improvement must be accomplished by each instructor in a state-aided day vocational school. This requires at least 30 clock hours of approved class instruction in regularly organized classes or a minimum of 30 clock hours of approved trade contact or work at the trade. The trade contact requirement is acceptable as professional improvement, but only once during every two years of service. Approximately 740 teachers have proposed professional improvement work this year. Of this number, about 80% have already filed evidence of satisfactory completion of this requirement.

The 1958 Annual Vocational Summer Conference for Directors and Teachers in State-aided Vocational Schools was conducted at the State Teachers College, Fitchburg, June 23 to 27, inclusive. The Conference was planned to provide an opportunity for teachers and directors to obtain from recognized authorities a maximum amount of information, during the time involved, on new developments that have taken place in trades that are being taught in Vocational Schools throughout the State.

The Academic Workshop which has proven to be most successful was conducted again this year. Steps were taken to organize basic minimum outlines on the subjects of history and citizenship.

The 30 clock hour teacher-training course for academic teachers which was inaugurated in 1957 Vocational Summer School Conference was conducted during the first week. This course is specifically designed to meet the needs of academic teachers in State-aided Vocational schools.

Through the cooperation of the General Motors Corporation, a new program for teachers of electricity was conducted at their Training Center at Dedham for a period of two weeks.

The program for teachers of Auto Mechanics which has met with such success during the past few years was again conducted at the General Motors Training Center, Dedham. Eighty-four (84) instructors of auto mechanics attended this two-week course.

General Assemblies were held on Monday, Tuesday, and Wednesday. The newly appointed Commissioner of Education, Dr. Owen B. Kiernan, was the principal speaker at the Monday assembly. At the Tuesday assembly, the principal speaker was Mr. George M. Rideout, Vice-President, Babson Reports Corporation, who gave a most interesting talk on the subject "Business Outlook."

Special Teacher-Training Services

Thirty-two supervisory training programs were organized, rendering services to forty companies with approximately six hundred of the foremen and supervisory staff attending. Sixteen instructors were used in these development training programs. The courses were located in Chicopee, 1 class; Haverhill, 4 classes; Holyoke, 3 classes; Lynn, 1 class; Maynard, 1 class; New Bedford, 1 class; Norfolk (Correctional Institution), 1 class; Pittsfield, 4 classes; Taunton, 1 class; Westfield, 3 classes; Westport, 1 class; and Worcester, 11 classes.

Cooperation with groups or organizations such as employees and employers, veterans, and U. S. Employment Service

The Veterans On-the-Job Training program continues to be administered from this office. Non-apprenticeable jobs are approved by the Division of Vocational Education as has been the case since the inception of this program. During the past year, forty-eight (48) new programs were approved, and as of the present date, approximately three (3) new programs per month are being received.

At the request of the Plymouth Division of the Chrysler Corporation, assistance was given in the organization and conduct of a "Trouble Shooting Contest." Eighteen vocational schools in the Greater Boston area participated in this contest which was designed to promote interest in automotive training.

Special Studies Relating to Trade and Industrial Education

During the past year, assistance was given to the State Department of Correction in plans for organizing vocational courses in a proposed new building at the Concord Correctional Institution.

A survey was conducted in the Waltham area to determine the need for the establishment of a course in "Instrument Repair and Maintenance." It appears that there is a definite need for this type of training in that section of Massachusetts.

Surveys also are being conducted in North Adams and Northbridge. From surveys made in the South Shore area indicate the establishment of a Regional Vocational High School in that part of the State in the near future.

Plans for the expansion of existing program are being made in the following centers: Arlington, Attleboro, Gloucester, Greenfield, Haverhill, New Salem, Northampton, Springfield, Revere, Lakeville-Freetown, Leominster, and Taunton.

A new vocational school is being planned in Revere, and a new Regional Vocational High School is being constructed in the Lakeville-Freetown Area.

SURPLUS PROPERTY

The State Agency for Surplus Property during the year reorganized to provide for an expanded service to the eligible units in the State by establishing a new system of records and accounts, additional personnel in the State Office and at the Warehouse and arranging to make the entire operation self-supporting.

In the fiscal year involved we submitted applications for property valued in excess of six million dollars and distributed an equal amount to our eligible educational, health and civil defense units.

During the year the Agency's overall operations resulted in the acquisition of property at 2.4% of Government Acquisition cost which allowed the eligible units to acquire government surplus property at 2.4 cents per dollar value of property.

TRADE, INDUSTRIAL AND HOMEMAKING EDUCATION

GIRLS AND WOMEN

Day Industrial Schools

This year the Practical Nurse Training program, organized as a full-time preparatory program (for adults) has operated in the Vocational School in Boston, Pittsfield, Springfield, Taunton, and Worcester. The Boston program was initiated in September 1957, and the Pittsfield program in February 1958.

There are no Practical Nurse programs in Massachusetts at the present time in the high schools or on the junior college level. In fact, there is very little interest in the possibility of a high school program, as it is felt these girls are too immature and very few have a serious job objective.

A well qualified, registered professional nurse has recently been appointed by the State Board of Education and will assume her duties on September 15, 1958. She will serve as State Supervisor in the fields of Supervision and of Teacher-Training.

Several of the State-aided Vocational Schools in Massachusetts have made a valuable contribution to those experienced practical nurses who had applied to take the waiver examination for licensure under provisions of the recently enacted Mandatory Nurse Practice Act. Since the latter part of January 1958, fifteen communities have each established Extension Courses in Practical Nursing, including--Beverly, Brockton, Fall River, Fitchburg, Haverhill, Leominster, Lowell, Lynn, Malden, New Bedford, Peabody, Salem, Springfield, Weymouth and Worcester.

There were fifty such courses throughout the State with a total enrollment of approximately 1400 women.

At the request of the Practical Nurse instructors, a Curriculum Study Workshop in Practical Nursing was organized under the leadership of the instructor of Practical Nursing in the Springfield Trade High School. The function of the Workshop was to consider the study of the Curriculum, Procedures Lesson Plans, Rotation of Affiliation, Reference Materials, Record Forms and other pertinent matters. Work was begun in organizing a Basic Minimum Course of Study for State-aided Vocational Practical Nurse programs.

The members of the local Advisory Committee of each of the Vocational School Practical Nurse Training programs have been most generous in meeting whenever called upon to consider ways and means of strengthening and further developing the program.

As a result of the Mandatory Nurse Practice Act, it will be necessary in the future for all women who desire to work for hire as practical nurses to be graduates of an approved school of Practical Nursing and to have passed satisfactorily, the State examination for licensure. After December 31, 1959, only licensed practical nurses may be employed.

Already, the effect of this recent legislation is being felt in some areas, in that a larger number of recent high school graduates are beginning to evidence an interest in this training. Heretofore, the average age of the pupils in the Vocational School Program has been between 30 and 35 years.

The graduates of the Vocational School Practical Nurse Programs are reported to have passed the State examination well above the average for the State.

Placement of the graduates has continued to be satisfactory.

The Taunton School authorities are planning to appoint a second nursing arts instructor to the Practical Nurse Training program in that city. Likewise, a second nursing arts instructor is to be appointed to the Pittsfield program as soon as a qualified and interested professional nurse can be found.

Conferences have been held with the school administrators and hospital representatives (administrator, director of nurses and others) in Newburyport, Norwood, and Southbridge to determine the need for and advisability of establishing additional Schools of Practical Nursing under Vocational Education.

Satisfactory relationships exist between the State Department of Education, the State Board of Registration in Nursing and the State Approving Authority. As non-vocational personnel have become better informed regarding the total Vocational Education program, they have recognized the valuable contribution Vocational Schools can make in the sound training of a more adequate supply of practical nurses.

As a result of new enabling legislation, a Trade and Industrial School (Girls) was established at the Essex County Agricultural School (homemaking building) consisting of a Department in Beauty Culture. There was insufficient interest in a Food Trades Department to make it advisable to initiate such a program for the present.

A Trade Extension Course for employed Dental assistants was offered again this year in Springfield, after a lapse of several years in which there had been no expressed interest in such a course. These women received 10½ hours of instruction, meeting for two, two-hour sessions weekly for twenty-six weeks.

The enrollments in Girls' Trade High Schools have continued approximately as in the previous year, with the result that almost no new teachers have been needed. Again, wherever there have been withdrawals and retirements, abilities of the remaining staff have been analyzed with a view to possible re-assignment of duties and, consequently, no addition to the staff. Salaries of teachers in all schools have been increased.

The demand for new teachers has been in the field of Practical Nursing, Cosmetology, related and academic subjects.

The Director of the David Hale Fanning Trade High School for Girls, Worcester, has been working closely with representatives of the Statler Hotel Corporation in connection with a possible Scholarship Award for a graduate of the Worcester school.

Heretofore, such awards have been granted only to college girls. A scholarship of \$1,000.00 has been awarded to a graduate of the Dressmaking Department. In September 1958, this girl will start a year's training program as an executive housekeeper at the Statler Hotel in Boston. A fine training program has been worked out for this girl which will give her experience in the several areas of hotel housekeeping. If she progresses satisfactorily in her training program she will receive further training in hotel housekeeping at Cornell University next summer.

A study entitled "Placement of Graduates From Trade and Industrial Programs, Class of 1957" was issued January 10, 1958. Of 269 graduates available for placement, 237 or 88% were placed in the trade or occupation for which they were trained at an average hourly wage of \$1.08. In several instances, the girls have received tips or a commission in addition to their wages.

Day Household Arts Schools

The State-wide Home Economics Curriculum Study has progressed as planned and has been reported previously. In the fall of 1957, the Steering Committee met with the Chairman of the ten Area Committees in order to plan the year's work. They met again in the spring. As a result of these meetings and the work of committees, everything is in readiness to assemble in tentative form, the reports of the committees which will present scope and sequence charts, outlines of units for grades 7 through 12 in five home economics areas of homemaking. These include outlines of Child Care and Development, Clothing and Fabrics, Foods and Nutrition, Housing and Home Management and Personal and Family Relation. In all of these Home Economics areas consideration is given to the subjects of health, safety, economics, management and relations.

In the fall of 1958, this tentative report of the committees will be distributed to Home Economics teachers throughout the State with a request that they make examination of it and offer suggestions for its improvement.

During the early part of 1959, various persons will work on the preparation of the final material which will be put in form for distribution prior to the close of the school year, 1958-1959.

Throughout the State, there has been evidence of the influence of the Home Economics Curriculum Study on the revision of local courses of study.

The development of the F. H. A. Chapter is most important for the satisfactory operation and normal expansion of the Home Economics Program. Until such time as it is possible for a State Supervisor to devote more time to the initiation of the F. H. A. Chapter this development cannot take place.

Unfortunately, there have been only five active Chapters this year, each of which has been enthusiastic and accomplished many worthwhile projects. Several additional high schools have raised a question as to the possibility of initiating a Chapter, but for a variety of reasons these programs did not materialize.

Two successful meetings were held of the Massachusetts F. H. A. in October 1957 and in May 1958. A mid-winter meeting had been arranged to be held at Simmons College, but had to be cancelled because of a severe blizzard.

As in former years, representatives of the Massachusetts F. H. A., Massachusetts F. F. A., 4-H Clubs, and Grange, attended the meeting of the Young Farmers and Homemakers held in connection with the Union Agricultural Meeting in Worcester on January 7, 1958. The president of the Massachusetts F. H. A. presided on that day.

The Senior Household Arts Teacher-Training Supervisor has continued to serve as Supervisor of the Community School Lunch Program with special responsibility for promoting the nutritional aspects of the School Lunch Program and the training of school lunch workers. She has worked, especially, with the Director, Supervisor, and field workers of the School Lunch Program, located in Boston.

The Senior Household Arts Teacher-Training Supervisor has continued, also, to serve as Chairman of the State-wide School Lunch Advisory Committee in its seventeenth year of activity. This Committee continues to be sponsored by the four departments of the Commonwealth; namely, Agriculture, Education, Public Health, and Public Welfare. Representatives of professional and civic organizations are members, also.

The 8th Annual County School Lunch Section Meetings, in conjunction with the County Teachers' Associations, were held in ten counties, during October and November, 1957. All State School Lunch and some Public Health Nutrition Supervisors, together with local School Lunch Managers as hostesses, contributed largely to promoting the effectiveness of these County meetings. The theme of the meetings was, "Why I Believe in the School Lunch Program," as presented by a prominent educator of the area, who usually was the Superintendent of Schools. Following this was a discussion entitled, "Through the Looking Glass," which was a self-evaluation to give and receive help for local School Lunch problems. Included in both presentations was Nutrition and other aspects of education as afforded by the School Lunch Program. The 9th Meeting for School Lunch Managers and Workers in conjunction with the ten (10) County Teachers' Convention will be held again in the fall, 1958.

The Second Annual School Lunch Spring Workshop held in western Massachusetts on April 21, 22, and 23, 1958, was attended by 153 school lunch personnel and the Third Annual School Lunch Workshop, with 428 attending, was held in Boston on April 23, 24, and 25, 1958. Due to the varying schedule of vacations in the western area, it was most difficult to schedule a Workshop satisfactory to all. At each Workshop, public relations and educational opportunities of the School Lunch Program were stressed. The U. S. Department of Agriculture made available a Food Technologist and Chief of the Technical Services Division of the School Lunch Branch, also, the Boston District U. S. Food and Drug Administration and the University of Massachusetts, Department of Bacteriology, and Public Health, as speaker.

The State-wide School Lunch Advisory Committee conducted two meetings for the year 1957-1958; in September, in Wellesley at the comparatively new Junior High School, and in January, at a Boston Junior High School. At each meeting nutrition education and effective practices were stressed.

The 1958, 24th Annual School Lunch Workshop, organized and conducted as formerly by the Vocational Division in cooperation with the Massachusetts Department of Public Health was held at the State Teachers College, Fitchburg, from July 14 to 18, with attendance of approximately 200 School Lunch Managers. A nutritionist from the U. S. Department of Agriculture assisted throughout three days of the Conference, stressing means of planning and preparing attractive, nutritionally adequate menus. Her presentations on a Workshop basis were supplemented by nutritionists from the Massachusetts Department of Public Health, the University of Massachusetts, and our own School Lunch Office.

In keeping with the menu patterns for the Community School Lunch Program 1958-1959, only the "A" meal will be served along with the special milk program. It is fortunate that Massachusetts has a provision for State subsidy along with the Federal Assistance, making it possible to maintain excellent School Lunch Programs at a cost of not more than twenty-five cents for each "A" meal.

For the second consecutive year, the State Supervisor has had considerably fewer requests to advise on homemaking facilities for new high school buildings, than in the previous eight to ten years. Apparently, school building has tapered off somewhat, or at least the architects working with School Building Committees are now better informed as to physical facilities needed to support the present day Homemaking programs. Recommendations have been made regarding the remodeling of the homemaking laboratories in the Revere High School and in the Worcester Girls' Trade High School. The State Supervisor has worked with the School administrators, homemaking teachers and others in planning the homemaking laboratories for a new high school in the Assawompsett Regional School District (Freetown and Lakeville); expansion of the homemaking facilities in the Silver Lake Regional High School; and homemaking facilities being planned for a new high school in Townsend and in Weymouth.

A "Workshop on Management of the Home" was offered at the 44th Annual Vocational Conference held at the Fitchburg State Teachers College, June 23 - 27, 1958. This Workshop was made possible through the cooperation of the Extension Service, University of Massachusetts, at Amherst, and the Massachusetts Heart Association. The Workshop included a review of socio-economic trends as they affect family living; arrangement of work areas within the home, such as kitchen and laundry; use of time and energy; and improved management of family living.

The Homemaking Departments in many schools have cooperated in a variety of ways with other School Departments and with other community groups. The Clothing classes have made choir stoles for the High School Glee Clubs; altered garments for men faculty members; shortened shower curtains for the school; made draperies for the principal's office and classrooms; laundered and mended athletic uniforms; and made carpenters' and printers' aprons for the boys. From Surplus Property fabrics, blankets have been made for the School Department, local Fire Department, and the Salvation Army. Skirts, blouses, trousers and jackets have been made for first graders, helped through Welfare Department.

The first part of the paper discusses the importance of the study and the objectives of the research. It also mentions the scope of the study and the limitations. The second part of the paper discusses the methodology used in the study. It includes the data collection methods and the analysis techniques. The third part of the paper discusses the results of the study. It includes the findings and the conclusions. The fourth part of the paper discusses the implications of the study. It includes the practical applications and the future research directions.

The study was conducted in a systematic and rigorous manner. The data was collected from a large sample of participants. The analysis was conducted using advanced statistical techniques. The results of the study are presented in a clear and concise manner. The conclusions are based on the findings of the study and are supported by the evidence. The implications of the study are discussed in detail and are relevant to the field of study.

The study has several strengths. First, it uses a large sample of participants, which increases the generalizability of the findings. Second, it uses advanced statistical techniques, which allows for a more accurate analysis of the data. Third, it includes a control group, which helps to control for confounding variables. Fourth, it includes a follow-up study, which allows for a more comprehensive understanding of the results. The study also has some limitations. First, it is a cross-sectional study, which means that it only captures a snapshot of the data at a single point in time. Second, it is a self-reported study, which means that the data is based on the participants' own reports. Third, it is a correlational study, which means that it cannot establish causality. Despite these limitations, the study provides valuable insights into the topic and has important implications for the field.

The study has several practical applications. First, it can be used to inform policy-making and to develop interventions. Second, it can be used to inform clinical practice and to improve patient care. Third, it can be used to inform research and to guide future studies. The study also has some future research directions. First, it would be useful to conduct a longitudinal study to track the changes over time. Second, it would be useful to conduct a randomized controlled trial to establish causality. Third, it would be useful to conduct a meta-analysis to synthesize the findings of multiple studies.

The study is a valuable contribution to the field and has important implications for practice and research. It provides a clear and concise summary of the findings and the conclusions. The study is well-organized and easy to read. The language is clear and professional. The study is a model of good research and should be read by all researchers in the field.

Pre-employment Teacher-Training and Training Teachers In-Service

At the State Teachers College, Framingham, the resident training course for Vocational Household Arts Teachers has continued in the main as reported in 1956-1957. The teaching of a family-centered homemaking program has continued to be stressed. Child Care and development work has been carried on with a well organized course, including observation and participation at a local Nursery School for two days a week over an eight-week period. Intensive instruction has been given by a well-qualified member of the Nursery School faculty.

All Supervisors of the Vocational Division, as well as other home economists, are continuing to stress to promising high school students the satisfactions of homemaking teaching. The appearance and furnishings of the Vocational House have continued to be improved by the contributions from the College and the Vocational Schools.

Undergraduate Apprentice Teaching for Junior Vocational Household Arts students has been carried on as formerly, with students absenting themselves from the college campus. They were assigned to the following Vocational Schools for six weeks; two students each at Haverhill and Saugus High Schools, one student each at Greenfield, Wachusett Regional, and New Bedford Vocational High Schools, and for two weeks each at the following High Schools: Duxbury, Lexington, Scituate, Silver Lake Regional, West Bridgewater, Westport, and Winchendon. Each student teacher was visited during her student teaching and was carefully supervised, also, by some one or more of the local household arts teachers. The schools are always most cooperative and eager to have these student teachers, for they feel they gain as much from them as the student teacher profits from her practice teaching.

With the purchase of a large house adjoining the college campus, a new program in Home Management for General Home Economics teachers will be developed in the near future. When this house is ready in the year 1958-1959, a preliminary conference may result in some definite action for re-organization of the Vocational Household Arts Program in reference to the General Home Economics Course at Framingham. This possible re-organization will have a bearing on our special Vocational Education Methods Course as now given.

Day Household Arts teachers, heads of schools, and State Supervisors work together in groups and individually for the general improvement of the schools and the teachers' own work. The State Supervisors visit all teachers in the Day Household Arts Schools and counsel with them, with regard to their professional improvement programs, in order to maintain the high standards of training in the schools and strengthen the qualifications of teachers. The 44th Annual Vocational Summer School for Directors and Teachers in State-aided Vocational Schools was held at the State Teachers College, Fitchburg, from June 23 - July 18, 1958. Some General Home Economics Teachers attended the various workshops as special students from June 23 - July 11 and also at the 24th Annual School Lunch Managers' Conference from July 14 - 18, inclusive. Day Household Arts teachers who attended received considerable help in connection with the Homemaking program.

An unfortunate situation exists in this State in that the State Supervisors in the Division of Vocational Education have no official responsibility for the supervision of the General Home Economics program. Therefore, we have little first-hand information concerning many interesting trends or developments throughout the state.

Adult Homemaking

(Evening Practical Art and Handicraft)

In keeping with changing trends and needs of the present day homemakers, the procedures in all subjects have been simplified wherever possible. For instance, because of group teaching on a unit basis, fundamentals are assured and it has been found that possibly two sessions in first term and one in second term are free for extra instructions. This shortly will lead to a broader program in each year of instruction. Demonstrations by utility companies to our teachers and in a few instances to our adult pupils, have generated an awareness in the homemaker that present day modernization of kitchens, work areas and habits is an impetus to the work accomplishment of the busy mother. Foods classes, clothing classes and energy saving home-making classes in particular have benefited in this respect. The widespread school building program has made much of this equipment available to the adult program.

During the past year many localities have produced exhibit material for the state office, such work being cooperatively done by the group rather than by the individual. With this exhibit and the pieces made for us in the period of initial crafts 1943-1946 a vast difference in standards is evident. Originality of design as well as improved techniques characterize today's product.

"The Intangibles" in the Adult Program are becoming one of our most valued by-products: therapeutic value; consumer education; morale builders, as well as realization of a person's capabilities often lead to other types of Adult Education. All these factors account for the ever increasing state wide interest in more and more Adult Homemaking Programs. The policy to be followed therefore, must be one of continued alertness to the changing family patterns and readiness to gear the program accordingly.

As new school buildings were finished the Adult Program moved into them. The modern equipment, the excellent lighting facilities, fewer stairs to climb, all contributed to a sense of belonging and an increased community spirit. Increased opportunities also were offered when available teachers were at hand. Among the communities benefiting by such new facilities were: Dartmouth, Deerfield, Easton, Hadley, Hudson, Lunenburg, Hingham, Northbridge, Westwood, Templeton, and Wrentham.

Teacher-Training

Pre-Service

Every teacher employed in the Adult Homemaking Program is required to complete the teacher-training course organized specifically for them. These courses were conducted in the following centers: Boston, Taunton, Holyoke, and Fitchburg. The total enrollment was 114.

In-Service

The State Supervisor of Teacher-Training, together with three teacher-trainers who were currently employed in the teacher-training section of the Adult Homemaking Program, had periodic meetings during the year for the purpose of organizing courses of study and revising present courses so that they are better adapted to the training now being offered in the Adult Homemaking Program. Visits were made throughout the year by this evaluating group to evening schools in session in order to improve present methods of teaching and to determine the current needs of employed teachers.

As a condition of approval, all teachers employed in the Adult Evening Program are required to complete at least 30 hours of approved professional improvement work each year. Opportunities for the fulfillment of this requirement are provided through the guidance and supervision of the State Supervisor of Teacher-Training. Courses are organized in strategic locations of the State in order to allow teachers throughout the State to satisfy this condition sometime during the calendar year.

In January, Directors and Supervisors of Adult Homemaking held their annual meeting in Boston at which time reports were made from representatives from various sections of the State. These meetings are important to the healthy growth of the adult homemaking program because they not only serve as a clearing house for ideas but by means of constructive criticism actually improve the existing programs.

Cooperation with other groups, work in cities, home economics in junior colleges, curriculum study

The State Supervisor continued to meet with School Superintendents and school committees to work with them on their Adult Education Programs. In many instances (Brookfield, Winthrop, Westboro, Holliston, Wayland and West Acton) it was thought advisable to organize local programs using the State-aided programs as a guide, since at present not all State approval factors could be met, but as these difficulties were overcome the localities would apply for a State-aided program. In other localities (Actonnet and Hampden) it was advised to seek instruction in neighboring communities where diversified offerings were available.

The State Supervisor met with advisory committees in Lynn, Saugus, Easton, and Lunenburg, in the interests of new equipment, improvement of facilities, and to further explain the philosophy of Vocational Education.

State Supervisors of Adult Education have continued to be active members of the Home Economics Association; the New England Craft Council; the Massachusetts Handicraft Association; State-wide Informal Advisory Committee for Handicraft Education and on Teacher Recruitment Committee of the Delta Kappa Gamma Association.

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DISTRIBUTIVE EDUCATION

The concluding year was marked by three important spheres of activity in Distributive Education. The first was concerned with the promotion of the program in communities where little or no training was evident. The second had to do with the upgrading of new and in-service teachers through the medium of organized classes and itinerant teacher training. The third was devoted to specialized training in particular phases of Distribution for small businessmen and especially for workers in certain types of distributive activities.

A Regional Conference for Distributive Educators was held in Pittsfield, Massachusetts, on April 21-22. The Director of the Division of Vocational Education, The State Supervisors, Assistant Supervisors, and City Supervisors from the New England States and New York met with Mr. John Beaumont, Chief of Distributive Education, and our Program Specialist, Mr. George Sanders, to discuss the future plans for the development of the Program. Many problems facing us in Distributive Education were discussed and suggestions made for meeting these situations.

As a regular and annual offering, the training program for Christmas extras was well received wherever conducted throughout the state. The outstanding program was the one operated in Boston last year which trained 622 students. Of this total there were 291 boys and 331 girls from twelve high schools.

Of special effort and interest was the Sea Food Merchandising Clinic conducted in Boston during January, February and March of this year. Along this line the initial effort to secure the cooperation and support of all agencies having a stake in the original and marketing of sea food products was effectively accomplished by Director Markham in August 1957. From this first effort plans for a training program in a highly specialized area of distribution moved rapidly to a successful and workable outline for a training program in sea food merchandising. Top flight instructors representing every facet of the sea food industry were recruited to serve on the faculty which was headed by Frederick C. Wilbur, Jr., Director of the Division of Marine Fisheries, Massachusetts. The 24 members of the class who attended the nine, two-hour sessions were drawn from several levels of distribution including the brokerage, wholesaling, and retailing levels. In evaluating the Sea Food Merchandising Clinic it appears that most enrollees felt that positive benefits were secured through the program and that effective marketing methods and procedures were gained as a net result of their training experiences. In the broad view, the State staff feels that the program could be further developed, enhanced, refined, and expanded next year in order to assist workers in the sea food industry to do a better job of merchandising their products.

The State staff continues to serve the Board of Collegiate Authority in the matter of evaluating on-the-job training as it applies to the Distributive Occupations. This section also serves veterans who seek to evaluate their distributive experience in terms of high school equivalency credits. The work of counseling veterans in the owner management levels on operational problems is an ongoing activity which we hope shall be maintained as long as the demand is evident.

This year a Textile clinic was offered to our teachers, and the outstanding representatives from the leading textile companies were invited to this clinic. A most informative and worthwhile Textile clinic for our teachers was held. Members of this clinic were: Miss Bird McCord, Sales Training Representative--National Cotton Council of America, New York; Mr. Thomas Firestone, Fiber Training Specialist, E. I. Dupont De Nemours Co., Wilmington, Delaware; Mr. Donald J. Greene, Account Executive for Irish Linen Guild, New York; Miss Joan Hull, Retail Representative, The Wool Bureau, New York; Dr. Jacob T. Frederick, Jr., Head-Textile Division, Lowell Technological Institute, Lowell; Mrs. Elizabeth Zellers, Educational Director, International Silk Association, New York. Each member of the clinic was very well prepared to give our teachers an excellent presentation on the leading textile fibers and fabrics. Much valuable resource material was given to our teachers by each member of the clinic along with valuable references as to films, text books, brochures, and textile charts.

Another very valuable activity was a conducted tour through the mail order plant of the Sears-Roebuck Company in Boston. An Executive of the Company accompanied our teachers on the tour, which took about two and one-half hours.

On Friday of our Conference we had Mr. Dave Robinson, the Decca Club Service Director, speak to our group on the advantage of joining this National organization. Mrs. Helen O'Donnell, Assistant Supervisor of Distributive Education from Connecticut, attended one of the sessions and gave us added information on Decca activities.

The growth of suburban and regional shopping centers together with the fast-moving trends in food merchandising have exerted an important impact upon our programs. Considerable more effort shall be devoted to specialized training in order to accommodate the somewhat varied needs of the new types of retail units. In one or two communities plans call for the establishment of an experimental laboratory classroom devoted in the main, to food merchandising.

Evening programs geared to the needs of workers in specialized areas of distribution shall demand increasing attention in the year ahead while the well-established day cooperative classes are to be enriched with new resource materials and stronger curriculum organization. A major drive will be undertaken with local business agencies, to stimulate more interest in retailing. The task of focusing attention on the Distributive Occupations as a worthwhile career field shall demand closer cooperation from State and local distributive organizations. Several projects are now being organized which we hope will sell retailing to school officials, parents, and students. A full measure of favorable cooperation shall be solicited from groups and individuals in cooperation with local and national efforts to place the distributive occupations on a most favorable plane.

Teacher-training on an itinerant basis will continue as in the past, since each community has specific problems which are peculiar to itself. With more requests for part-time and evening courses in areas of marketing, advertising, selling, and specialized areas of distribution, we plan to offer in-service training for instructors who will teach these classes.

Program reviews in the light of evaluative criteria for Distributive Education reveal little or no diminution in the quality of local programs. Conversely, most programs exhibit marked improvement in such phases as recruitment, curriculum, and placement. In centers where faculty changes have occurred, problems concomitant with such changes have been made and resolved. There is every indication that more local programs shall achieve a status classification of superior in the year ahead. Even though enrollments this past year have not shown any significant growth, the fine quality of the work is most heartening to the State Staff.

Preliminary surveys clearly reveal the need for additional and expanded programs, both on the day cooperative and evening levels. Communities now considering the establishment or expansion of some phase of the distributive training are as follows: North Adams, Springfield, Worcester, Weymouth, Framingham, Haverhill, New Bedford, Taunton, Fitchburg, Peabody, Beverly, Northampton, and Silver Lake. In communities where new day cooperative programs are being planned, a substantial amount of orientation needs to be carried to both school and business officials who have not, at this time, a detailed conception of the objectives and practices of Vocational Distributive Education.

The outlook for higher starting wage rates in the distributive occupations is a strong possibility the coming year. An increase of both hourly and weekly rates will not only place distributive jobs on a more favorable competitive situation with office occupations but it will also attract better qualified students to our program. Additionally, the impact of the higher wage rates common to food retailing and the increasing number of cooperative students now being placed in these job categories will eventually demand that all other employers in distributive occupations meet or exceed these rates.

The changing employment and economic conditions affecting Vocational agricultural education in Massachusetts has stimulated preliminary discussion with directors of county agricultural schools regarding the matter and extent of distributive training which should be incorporated in the curriculum offering in these schools. Teaching materials and course outlines are being constructed in cooperation with the vocational agriculture personnel to aid in the establishment of this special service of Distributive Education.

OCCUPATIONAL INFORMATION AND VOCATIONAL GUIDANCE

The statistics pertaining to Early School Leavers, as reported to this office by the Vocational Schools of the Commonwealth, has been exceedingly high due to the methods used for determining early school leavers. Transfers to other courses, other schools, and other communities were classified as drop-outs. A new questionnaire was devised requiring not only data on the numbers of drop-outs, but their ages and the reasons why they left school before completing the course of study selected. With about one-third of the returns in it would appear that the number of youth leaving vocational schools before graduating will be nearer to ten percent than the former high percentage. In considering this figure it must be borne in mind that refined methods of selection have been in effect only two or three years in many schools and it is likely that the percentage may be cut lower.

Testing Services

The 9000 Massachusetts sophomores, including vocational high school pupils who in 1955 were administered a three-hour battery of tests devised by Educational Testing Service of Princeton, N. J. were retested this May as they were ready to graduate. The purpose of this test was to devise a test which will help junior high and elementary school pupils in the proper selection of high school curriculum best suited to their abilities and aptitudes. It is hoped that the aptitude test battery will serve to make many good discriminations among the specific curricula within vocational schools. Because of the recent studies connecting personality with occupational success and performance, the testees were administered two sixty-minute personality tests. A ten minute questionnaire and a transcript of the grades of the testees completed the study. However, one school was selected to administer a complicated three hour performance test to one hundred seniors, evenly divided as to sex, who had taken the previous battery as sophomores, in an effort to determine if the same aptitudes for mechanical work is apparent in women as in men and whether more women could be successful in the trades. The evaluation of the data will continue during this year.

Training Activities

At the Annual Summer Vocational School a section was devoted to Vocational Guidance. Personnel directors from industry, representatives from the State Employment Services and Vocational Guidance personnel were in attendance. The purpose of this Guidance Workshop was to discuss services available to vocational schools from outside agencies, new developments in testing program, committee planning for youth, and ways and means of meeting youth requirements. Thirty (30) Vocational school counsellors were in attendance at this conference.

The Supervisor of Occupational Information and Vocational Guidance was Chairman of the panel discussion with Dr. David Tiederman of Harvard University and Dr. Dugald Arbuckle of Boston University on the subject "Should psychologists and psychiatrists be a part of the staff of a Division of Pupil Personnel Services?".

The Supervisor of Occupational Information and Vocational Guidance attended the conference called by the General Motors Company at Detroit, Michigan, to discuss "Occupational Opportunities."

The monthly meetings which were organized during the school year made it possible for the State Supervisor to meet and exchange ideas with the other members of the Association.

Dissemination of Occupational and Educational Information

The dissemination of occupational information to schools and to individuals, along with sources of such information, continued to be an important phase of this work. Requests have been received from all parts of the country for a booklet compiled by the painting industry of Massachusetts.

Counseling for Veterans and Adults

Approximately fifty people are referred to this office yearly for individual educational and vocational counseling. Referrals of veterans are made by the Board of Collegiate Authority.

Surveys

Westfield. A mimeographed report was compiled with recommendations presented to the school committee for enlarging the Trade School and providing guidance services for the school system.

Essex County Agricultural School. A mimeographed report was compiled after a study of 47,386 occupations and visits to all the large industries of the County recommending specific course offerings in Trade and Industrial Education. The question of building a Trade School will appear on a referendum next November.

Freetown-Lakeville. A mimeographed report was compiled recommending that Automobile Mechanics and Machine Shop Practices be offered at the new regional school proposed for this area.

Attleboro. A mimeographed report and an addenda to the report was compiled recommending courses in Trade and Industrial Education as a part of the plans for a new High School.

A survey is now in process in Norwood where information is being gathered and evaluated to determine if trade and industrial courses should be a part of the expansion plans of the town.

In North Adams the Supervisor of Occupational Information and Vocational Guidance together with the Supervisor of Trade and Industrial Education made preliminary visits to the area to determine the feasibility of constructing a Regional Vocational High School.

The first thing I noticed when I stepped out of the car was the cold air. It was a sharp contrast to the warm blanket of the car's interior. I took a deep breath, feeling the crispness of the morning air. The sun was just beginning to rise, casting a soft glow over the landscape.

THE FIRST DAY OF THE JOURNEY

As I walked away from the car, I felt a sense of anticipation. This was the first day of my journey, and I was excited to see what lay ahead. The path was well-trodden, and I knew I was on the right track. The air was clear, and the sky was a pale blue. I took a few steps, feeling the ground beneath my feet. It was a simple start, but it felt like the beginning of something great.

THE FIRST NIGHT OF THE JOURNEY

The first night of the journey was a mix of excitement and nervousness. I had heard that the night was cold, and I was not sure if I was prepared. I had brought a sleeping bag, but I was not sure if it was enough. I lay down, feeling the softness of the ground. The stars were out, and the moon was shining. It was a beautiful sight, and I felt a sense of peace.

THE FIRST MORNING OF THE JOURNEY

The first morning of the journey was a beautiful surprise. The sun was shining, and the air was warm. I felt like I had been given a gift. I had heard that the morning was cold, but it was perfect. I took a deep breath, feeling the warmth of the sun. The path was still there, and I knew I was on the right track. It was a simple start, but it felt like the beginning of something great.

As I walked along the path, I felt a sense of wonder. The world was so beautiful, and I was so lucky to be here. I had heard that the journey was long, but it was worth it. I had seen so many beautiful things, and I was so happy to be here. The path was still there, and I knew I was on the right track. It was a simple start, but it felt like the beginning of something great.

The first day of the journey was a mix of excitement and nervousness. I had heard that the day was hot, and I was not sure if I was prepared. I had brought a hat, but I was not sure if it was enough. I walked along, feeling the sun on my face. The air was clear, and the sky was a pale blue. It was a beautiful sight, and I felt a sense of peace.

As I walked along the path, I felt a sense of wonder. The world was so beautiful, and I was so lucky to be here. I had heard that the journey was long, but it was worth it. I had seen so many beautiful things, and I was so happy to be here. The path was still there, and I knew I was on the right track. It was a simple start, but it felt like the beginning of something great.

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S T A T I S T I C S

FINANCIAL REPORT OF THE DEPARTMENT OF EDUCATION
Fiscal Period ended June 30, 1958
(From Thirty-sixth Annual Report of the
Department of Administration and Finance)

GENERAL FUND

RECEIPTS BY DEPARTMENTS AND SOURCE FOR THE FISCAL YEAR ENDED JUNE 30, 1958

| Department | Total
Receipts | Taxes &
Surtaxes | Fees, Fines
& Penalties | Contributions
& Assessments |
|--|-------------------|---------------------|----------------------------|--------------------------------|
| EDUCATION: | | | | |
| Division of the Blind | \$ 250 602 99 | \$ - | \$ - | \$ - |
| Division of University Extension | 233 370 27 | - | 225 163 78 | - |
| Administration | 206 483 63 | - | 204 145 50 | - |
| Teachers' Retirement Board | 86 636 38 | - | - | - |
| Division of Vocational Education | 42 432 28 | - | 2 117 50 | - |
| Education of Deaf and Blind Pupils | 17 351 24 | - | - | - |
| Summer School | 6 791 50 | - | 6 791 50 | - |
| School Building Assistance Commission | 180 00 | - | - | - |
| Division of Library Extension | 72 00 | - | 72 00 | - |
| Schools and Colleges: | | | | |
| University of Massachusetts | 2 171 447 10 | - | 626 259 48 | - |
| Massachusetts Maritime Academy | 130 799 75 | - | 29 190 00 | - |
| Massachusetts School of Art | 48 776 00 | - | 48 096 25 | - |
| State Teachers' Colleges: | | | | |
| Bridgewater | 298 611 72 | - | 92 228 38 | - |
| Fitchburg | 292 790 10 | - | 69 387 00 | - |
| Framingham | 228 269 77 | - | 65 711 50 | - |
| Boston | 140 295 94 | - | 133 390 00 | - |
| Salem | 106 214 90 | - | 83 503 50 | - |
| Westfield | 86 515 35 | - | 44 176 00 | - |
| Worcester | 61 924 46 | - | 60 494 00 | - |
| North Adams | 55 975 09 | - | 26 547 50 | - |
| Lowell | 48 354 56 | - | 47 812 64 | - |
| Technological Institutes: | | | | |
| Lowell | 415 878 41 | - | 331 013 03 | 10 000 00 |
| Bradford Durfee | 80 028 27 | - | 67 643 60 | 10 000 00 |
| New Bedford | 63 091 68 | - | 51 802 50 | 10 000 00 |
| Youth Service Board: | | | | |
| Reception & Detention Facilities for Boys | 133 774 74 | - | - | 132 286 67 |
| Administration | 25 000 09 | - | - | - |
| Industrial School for Boys | 15 940 97 | - | - | - |
| Lyman School for Boys | 15 406 72 | - | - | - |
| Industrial School for Girls | 9 846 51 | - | - | - |
| Residential Treatment Unit, Oakdale | 2 380 27 | - | - | - |
| Institute of Juvenile Guidance | 1 728 15 | - | - | - |
| Reception & Detention Facilities for Girls | 1 125 00 | - | - | - |
| Total | \$ 5 278 095 84 | \$ - | \$2 215 545 66 | \$ 162 286 67 |

GENERAL FUND

RECEIPTS BY DEPARTMENTS AND SOURCE FOR THE FISCAL YEAR ENDED JUNE 30, 1958

| <u>Interest &
Income</u> | <u>Licenses
& Permits</u> | <u>Reimbursement
for Services</u> | <u>Rents</u> | <u>Sales</u> | <u>Federal
Reimbursement</u> | <u>Miscellaneous</u> |
|----------------------------------|-----------------------------------|---------------------------------------|---------------|---------------|----------------------------------|----------------------|
| \$ - | \$ 6 00 | \$ 22 566 17 | \$ - | \$ 227 551 87 | \$ - | \$ 478 95 |
| - | - | - | - | 8 174 85 | - | 31 64 |
| - | 2 200 00 | - | - | - | - | 138 13 |
| - | - | - | - | - | - | 86 636 38 |
| - | - | - | - | - | 40 295 98 | 18 80 |
| - | - | 17 351 24 | - | - | - | - |
| - | - | - | - | - | - | - |
| - | - | - | - | - | - | 180 00 |
| - | - | - | - | - | - | - |
| - | - | 717 164 80 | 711 093 41 | 57 106 68 | 39 337 86 | 20 484 87 |
| - | - | 552 00 | 36 52 | - | 98 727 28 | 2 293 95 |
| - | - | - | - | 132 50 | 451 00 | 96 25 |
| - | - | 200 509 28 | 2 520 28 | 1 611 71 | 1 587 00 | 155 07 |
| - | - | 221 237 75 | 234 15 | 337 37 | 1 566 00 | 27 83 |
| - | - | 157 374 61 | 4 344 50 | 833 36 | - | 5 80 |
| - | - | - | 4 781 77 | - | 949 00 | 1 175 17 |
| - | - | 21 322 12 | 92 08 | 181 20 | 1 116 00 | - |
| - | - | 39 942 09 | 500 54 | 48 00 | 593 00 | 1 255 72 |
| - | - | - | 90 91 | 144 00 | 1 085 00 | 110 55 |
| - | - | 27 945 35 | 887 35 | 119 00 | 368 84 | 107 05 |
| - | - | - | 15 42 | 77 50 | 449 00 | - |
| - | - | - | 69 019 68 | 504 39 | 3 091 00 | 2 250 31 |
| - | - | 140 26 | 240 47 | 1 029 69 | 973 00 | 1 25 |
| - | - | - | - | - | 1 211 43 | 77 75 |
| - | - | 1 362 00 | - | - | - | 126 07 |
| - | - | 24 206 71 | - | - | - | 793 38 |
| - | - | 2 790 00 | 12 530 56 | 465 31 | - | 155 10 |
| - | - | 4 971 00 | 9 313 35 | 429 77 | - | 692 60 |
| - | - | 5 691 50 | 3 917 06 | 29 65 | - | 208 30 |
| - | - | 1 689 00 | 687 58 | - | - | 3 69 |
| - | - | 876 00 | 811 40 | - | - | 40 75 |
| - | - | 1 125 00 | - | - | - | - |
| \$ - | \$ 2 206 00 | \$ 1 468 816 88 | \$ 821 117 03 | \$ 298 776 85 | \$ 191 801 39 | \$ 117 545 36 |

GENERAL FUND

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1958

| | Appropriations | Other Credits | Total Credits | Expenditures | Unencumbered Balance |
|---|----------------|----------------------------|---------------|--------------|----------------------|
| 1300 DEPARTMENT OF EDUCATION | | | | | |
| Administration | | | | | |
| 01-01 Commissioner's salary | \$ 14 000 00 | \$ - | \$ 14 000 00 | \$ 12 483 33 | \$ 1 516 67 |
| 02 Administration | 450 396 00 | 12 895 00 B
132 00 E | 463 423 00 | 459 473 38 | 3 949 62 |
| 03 Teachers' extension courses | 15 000 00 | 200 000 00 F | 215 000 00 | 186 723 67 | 28 276 33 |
| 06 School registers and blanks | 5 000 00 | - | 5 000 00 | 4 909 93 | 90 07 |
| 07 Teachers' Institute | 925 00 | - | 925 00 | 925 00 | - |
| 08 Aid - pupils, State Teachers' Colleges | 4 000 00 | - | 4 000 00 | 4 000 00 | - |
| 10 Maintenance - Newbury St. Bldg. | 41 621 00 | 525 00 G | 42 146 00 | 40 585 91 | 1 560 09 |
| 20 Board of Education | 10 904 00 | - | 10 904 00 | 10 754 44 | 149 56 |
| 23 Printing guides | - | 18 382 79 A | 18 382 79 | 4 970 50 | 13 412 29 T |
| 25 Board of Collegiate Authority | 400 00 | - | 400 00 | 400 00 | - |
| 29 Sight saving classes | 6 250 00 | - | 6 250 00 | 2 321 02 | 3 928 98 |
| 32 Assistance - children war veterans | 60 000 00 | 35 571 74 A | 95 571 74 | 94 000 33 | 1 571 41 T |
| 33 Educational service - war veterans | 63 549 00 | - | 63 549 00 | 61 719 04 | 1 829 96 |
| 02-01 Summer School - maintenance | 7 780 00 | - | 7 780 00 | 6 956 23 | 823 77 |
| School Lunch Program | | | | | |
| 05-01 Administration | 134 151 00 | 2 646 00 B
140 00 G | 136 937 00 | 136 898 79 | 38 21 |
| 05 Partial assistance | 200 000 00 | 167 276 71 A | 367 276 71 | 231 190 10 | 136 086 61 T |
| Division of Vocational Education | | | | | |
| 07-01 Administration | 116 900 00 | - | 116 900 00 | 109 371 59 | 7 528 41 |
| 02 Surplus Property Board | 20 853 00 | - | 20 853 00 | 17 184 11 | 3 668 89 |
| 11-01 Education of deaf and blind pupils | 1 506 000 00 | 143 358 34 A | 1 649 358 34 | 1 175 463 02 | 473 895 32 T |
| 13-01 Div. of University Extension - admin. | 266 991 00 | 200 000 00 F
1 447 00 B | 468 438 00 | 465 341 92 | 3 096 08 |
| 15-01 Div. of Immigration & Americanization | 97 785 00 | - | 97 785 00 | 91 197 50 | 6 587 50 |
| 16-01 Div. of Library Extension - adminis. | 129 355 00 | 500 00 B | 129 855 00 | 129 118 22 | 736 78 |
| Division of the Blind | | | | | |
| 17-01 Administration | 329 579 00 | - | 329 579 00 | 307 427 16 | 22 151 84 |
| 08 Aid to adult blind | 1 750 000 00 | 145 652 14 A | 1 895 652 14 | 1 736 428 34 | 159 223 80 T |
| 10 Piano tuning | 22 500 00 | - | 22 500 00 | 22 205 50 | 294 50 |
| 11 Local shops | 173 144 00 | - | 173 144 00 | 138 236 22 | 34 907 78 |
| 13 Woolson House | 99 068 00 | - | 99 068 00 | 92 199 38 | 6 868 62 |
| 15 Salesroom operation | 47 251 00 | 658 00 B | 47 909 00 | 46 548 56 | 1 360 44 |
| 16 Cambridge industries | 377 435 00 | - | 377 435 00 | 350 215 68 | 27 219 32 |
| 17 Springfield workshop | 68 211 00 | - | 68 211 00 | 63 910 18 | 4 300 82 |
| 18 Retirement grants | 25 216 00 | - | 25 216 00 | 25 051 15 | 164 85 |
| 28 Promotion - vocational rehabilitation | 69 100 00 | - | 69 100 00 | 52 313 02 | 16 786 98 T |
| Teachers' Retirement Board | | | | | |
| 19-01 Administration | 136 371 00 | 125 00 G | 136 496 00 | 131 994 49 | 4 501 51 |
| 08 Retirement system - state share | 9 310 000 00 | 16 365 07 A
86 636 38 F | 9 413 001 45 | 9 355 103 69 | 57 897 76 T |
| Massachusetts Maritime Academy | | | | | |
| 27-01 Administration | 11 303 00 | - | 11 303 00 | 10 651 29 | 651 71 |
| 10 Academy and ship - maintenance | 392 542 00 | 54 700 00 G
1 915 00 B | 449 157 00 | 446 479 83 | 2 677 17 |
| 21 Land, repairs & improvements | 93 000 00 | - | 93 000 00 | 32 250 00 | 60 750 00 T |
| State Teachers' College - Bridgewater | | | | | |
| 30-01 Maintenance | 703 294 00 | - | 703 294 00 | 655 803 68 | 47 490 32 |
| 21 Boarding hall, maintenance | 195 879 00 | - | 195 879 00 | 187 541 59 | 8 337 41 |
| 25 Purchase & improv. - land, parking | 17 000 00 | - | 17 000 00 | 3 817 00 | 13 183 00 T |
| State Teachers' College - Fitchburg | | | | | |
| 31-01 Maintenance | 581 712 00 | - | 581 712 00 | 569 534 42 | 12 177 58 |
| 10 Scholarships | 5 000 00 | - | 5 000 00 | 5 000 00 | - |
| 21 Boarding hall, maintenance | 105 597 00 | 1 300 00 B | 106 897 00 | 106 077 50 | 819 50 |
| State Teachers' College - Framingham | | | | | |
| 32-01 Maintenance | 460 409 00 | - | 460 409 00 | 450 870 75 | 9 538 25 |
| 21 Boarding hall, maintenance | 170 456 00 | - | 170 456 00 | 162 912 16 | 7 543 84 |
| 38 Repairs - windows | 5 000 00 | - | 5 000 00 | 5 000 00 | - |
| State Teachers' College - Lowell | | | | | |
| 33-01 Maintenance | 376 943 00 | - | 376 943 00 | 370 656 58 | 6 286 42 |
| 32 Boiler repairs | 20 000 00 | - | 20 000 00 | - | 20 000 00 T |
| State Teachers' College - North Adams | | | | | |
| 34-01 Maintenance | 193 083 00 | - | 193 083 00 | 189 222 55 | 3 860 45 |
| 21 Boarding hall, maintenance | 35 739 00 | - | 35 739 00 | 30 941 07 | 4 797 93 |

GENERAL FUND

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1958

| | Appropriations | Other Credits | Total Credits | Expenditures | Unencumbered Balance |
|--|-----------------|-----------------|-----------------|-----------------|----------------------|
| 1300 DEPARTMENT OF EDUCATION | | | | | |
| 35-01 State Teachers' College - Salem Maintenance | \$ 446 357 00 | \$ - | \$ 446 357 00 | \$ 439 325 10 | \$ 7 031 90 |
| 36-01 State Teachers' College - Westfield Maintenance | 316 346 00 | - | 316 346 00 | 303 322 81 | 13 023 19 |
| 21 Boarding hall, maintenance | 22 475 00 | - | 22 475 00 | 20 460 25 | 2 014 75 |
| 37-01 State Teachers' College - Worcester Maintenance | 353 650 00 | - | 353 650 00 | 336 729 06 | 16 920 94 |
| 38-01 State Teachers' College - Boston Maintenance | 674 627 00 | - | 674 627 00 | 646 433 59 | 28 193 41 |
| 21 Reconstruct coping and parapet | - | 10 599 60 A | 10 599 60 | 7 973 42 | 2 626 18 T |
| 39-01 Massachusetts School of Art Maintenance | 271 353 00 | - | 271 353 00 | 253 198 36 | 18 154 64 |
| 24 Improvements - lighting system | 10 000 00 | - | 10 000 00 | 489 00 | 9 511 00 T |
| 40-01 Bradford Durfee Coll. of Technology Maintenance | 359 438 00 | - | 359 438 00 | 319 278 32 | 40 159 68 |
| 42-01 New Bedford Institute of Technology Maintenance | 356 740 00 | - | 356 740 00 | 346 839 80 | 9 900 20 |
| 23 Roofing repairs & painting | 20 000 00 | - | 20 000 00 | 19 903 00 | 97 00 |
| 25 Equipment | 10 000 00 | - | 10 000 00 | 9 978 88 | 21 12 |
| 45-01 Lowell Technological Instit. of Mass. Maintenance | 1 258 016 00 | - | 1 258 016 00 | 1 199 396 28 | 58 619 72 |
| 39 Power plant improvements | - | 629 08 A | 629 08 | - | 629 08 Z |
| 40 Equipment | 40 000 00 | - | 40 000 00 | 14 619 57 | 25 380 43 T |
| 41 Building renovations | 65 000 00 | - | 65 000 00 | 4 728 00 | 60 272 00 T |
| 42 Scholarships | 10 000 00 | - | 10 000 00 | 10 000 00 | - |
| 80 Summer School | - | 21 178 58 A | 54 475 33 | 24 577 20 | 29 692 80 R |
| | | 33 296 75 F | | | 205 33 Z |
| 50-01 University of Massachusetts Maintenance | 7 677 670 00 | 6 686 00 C | 7 684 356 00 | 7 674 765 44 | 9 590 56 |
| 21 Research with Federal Government | 50 000 00 | 39 247 71 A | 89 247 71 | 48 921 00 | 40 326 71 T |
| 22 Equipment | 50 000 00 | - | 50 000 00 | 41 365 90 | 8 634 10 T |
| 23 Improv. - physical education facilities | - | 3 043 00 A | 3 043 00 | - | 3 043 00 Z |
| 24 Improv. - rds., sidewalks & parking a. | 25 000 00 | - | 25 000 00 | 24 999 93 | 07 |
| 26 Purchase of books | 25 000 00 | - | 25 000 00 | 24 999 80 | 20 T |
| 96 Commonwealth scholarships | 25 000 00 | - | 25 000 00 | 25 000 00 | - |
| 80-01 Division of Youth Service Youth Service Board - adminis. | 727 532 00 | 29 339 00 B | 758 052 00 | 757 209 78 | 842 22 |
| | | 1 181 00 C | | | |
| 81-01 Industrial School for Boys - maint. | 644 850 00 | 11 500 00 G | 667 021 00 | 664 909 71 | 2 111 29 |
| | | 7 782 00 B | | | |
| | | 2 889 00 C | | | |
| 82-01 Industrial School for Girls - maint. | 430 672 00 | 3 017 00 C | 438 389 00 | 434 974 17 | 3 414 83 |
| | | 3 000 00 G | | | |
| | | 1 700 00 B | | | |
| 83-01 Lyman School for Boys Maintenance | 877 310 00 | 21 000 00 B | 899 963 00 | 893 945 08 | 6 017 92 |
| | | 1 653 00 C | | | |
| 22 Water mains | - | 894 50 A | 894 50 | - | 894 50 Z |
| 84-01 Reception & detention facilities for boys, Boston - maintenance | 323 582 00 | - | 323 582 00 | 318 414 28 | 5 167 72 |
| 85-01 Institute of Juvenile Guidance - maint. | 279 576 00 | 1 399 00 C | 280 975 00 | 272 237 73 | 8 737 27 |
| 86-01 Reception & detention facilities for girls, Boston - maintenance | 127 626 00 | 2 200 00 B | 131 286 00 | 124 718 43 | 6 567 57 |
| | | 1 460 00 G | | | |
| 87-01 Detention ctr. - Hampden Cty., maint. | 6 466 00 | - | 6 466 00 | 5 070 00 | 1 396 00 |
| 88-01 Residential treatment ctr., Oakdale | 150 098 00 | 4 200 00 B | 158 248 00 | 157 491 43 | 756 57 |
| | | 3 950 00 G | | | |
| 89-01 Detention ctr. - Worcester Cty., mt. | 616 00 | - | 616 00 | - | 616 00 |
| 90-01 Youth forest camp - maintenance | 25 000 00 | - | 25 000 00 | 23 134 61 | 1 865 39 |
| 93-01 School Bldg. Assist. Comm. - admin. | 69 345 00 | - | 69 345 00 | 62 231 93 | 7 113 07 |
| 94-01 Board of Educational Assistance Expenses | 500 00 | 493 00 E | 993 00 | 189 41 | 803 59 T |
| 02 Scholarships | 100 000 00 | - | 100 000 00 | - | 100 000 00 T |
| TOTAL | \$34 756 537 00 | \$ 1 302 564 39 | \$36 059 101 39 | \$34 306 211 09 | \$ 29 692 80 R |
| | | | | | 4 771 91 Z |
| | | | | | 1 200 361 38 T |
| | | | | | 518 064 21 |

GENERAL FUND

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1958

2600 STATE AID TO CITIES AND TOWNS

| | Appropriations | Other Credits | Total Credits | Expenditures | Unencumbered Balance |
|--|----------------|---------------|---------------|--------------|----------------------|
| 13-01 Department of Education | | | | | |
| 02 Children of employed mothers | 7 000 00 | 4 985 33 A | 11 985 33 | 7 500 00 | 4 485 33 T |
| 03 Sight saving classes | 6 200 00 | 28 000 00 A | 34 200 00 | 13 000 00 | 21 200 00 T |
| 04 School superintendents - small towns | 180 227 00 | 14 234 99 A | 194 461 99 | 194 461 18 | 81 T |
| 05 Transportation of pupils | 4 591 401 00 | 328 78 A | 4 591 729 78 | 4 591 729 02 | 76 T |
| 06 Vocational education | 4 214 761 00 | 12 912 69 A | 4 227 673 69 | 4 217 950 43 | 9 723 26 T |
| 07 Adult English speaking classes | 108 390 00 | 774 30 A | 109 164 30 | 109 162 98 | 1 32 T |
| 08 Outside schools transportation | 100 706 00 | 100 56 A | 100 806 56 | 100 705 52 | 101 04 T |
| 09 Construction of school projects | 10 400 000 00 | 375 414 15 A | 10 775 414 15 | 9 470 894 32 | 1 304 519 83 T |
| 10 School lunch program - partial assist. | 1 100 000 00 | 912 151 70 A | 2 012 151 70 | 1 433 741 33 | 578 410 37 T |
| 11 Education - deaf and blind pupils | 80 000 00 | 66 762 81 A | 146 762 81 | 56 952 63 | 89 810 18 T |
| 12 Pensions - retired teachers | 2 248 918 00 | - | 2 248 918 00 | 2 225 000 00 | 23 918 00 T |
| 13 Youth Serv. Bd. - tuition, pub. schools | 17 000 00 | 5 286 57 A | 22 286 57 | 12 017 59 | 10 268 98 T |
| 14 School adjustment counsellors | 40 000 00 | 100 000 00 A | 140 000 00 | 125 505 32 | 14 494 68 T |
| 15 Retirement assessments of teachers formerly in military service | 1 000 00 | - | 1 000 00 | 263 48 | 736 52 T |

110

STATEMENT XXVII

FEDERAL GRANTS

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1958

| | July 1, 1957 Balance | Receipts | Total Credits | Total Charges | Encumbrances Continuing Appropriations | Unencumbered Balances |
|--|----------------------|--------------|---------------|---------------|--|-----------------------|
| Department of Education | | | | | | |
| Aid to the Blind | | | | | | |
| 56-00 Administration | 7 286 34 | 77 037 70 | 84 324 04 | 81 279 78 | 1 065 17 | 1 979 09 R |
| 57-00 Grants in aid | 19 107 71 | 945 090 63 | 964 198 34 | 930 558 68 | - | 33 639 66 R |
| 58-01 Vocational rehabilitation | 15 591 19 | 128 564 90 | 144 156 09 | 106 744 16 | 12 642 39 | 24 769 54 R |
| Miscellaneous | | | | | | |
| 52-00 Div. of Library Extension - rural services | 27 672 09 | 78 487 00 | 106 159 09 | 93 926 90 | 4 446 82 | 7 785 37 R |
| 60-00 Special milk program | 406 519 63 | 2 703 316 19 | 3 109 835 82 | 2 613 353 23 | - | 496 482 59 R |
| 61-00 Smith-Hughes and Barden Account | 353 771 93 | 780 983 95 | 1 134 755 88 | 767 658 51 | 3 020 76 | 364 076 61 R |
| 62-00 Community school lunch program | 10 312 73 | 1 728 957 00 | 1 739 269 73 | 1 739 269 73 | - | - |
| University of Massachusetts | | | | | | |
| 65-00 Agricultural extension work | - | 354 150 37 | 354 150 37 | 354 150 37 | - | - |
| 66-00 Special facilities - science building | - | 355 000 00 | 355 000 00 | - | 355 000 00 | - |
| 67-00 Agricultural marketing research | - | 35 619 93 | 35 619 93 | 35 619 93 | - | - |

341

STATEMENT XXIII
INCOME FUND - EDUCATIONAL ENDOWMENTS
Code 3700

RECEIPTS

| | |
|--|----------------------|
| Interest and Income: | |
| Massachusetts School Fund | \$ 143 744 90 |
| Technical Education, United States Grant | 10 950 00 |
| Technical Education, Commonwealth Grant | <u>6 337 69</u> |
| Total Receipts | 161 032 59 |
| Cash Balance, July 1, 1957 | <u>227 337 44</u> |
| | <u>\$ 388 370 03</u> |

EXPENDITURES

| | |
|-----------------------------|----------------------|
| Expenditures (Detail below) | \$ 156 256 34 |
| Cash Balance, June 30, 1958 | <u>232 113 69</u> |
| | <u>\$ 388 370 03</u> |

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1958

| | Appropriations
and
Other Credits | Total
Credits | Expenditures | Encumbrances
Continuing
Appropriations | Unencumbered
Balance |
|--|--|----------------------|----------------------|--|-------------------------|
| 3700 | | | | | |
| 10-00 Income, Technical Education,
U. S. Endowment | \$ 10 950 00 F | \$ 10 950 00 | \$ 10 950 00 | \$ - | \$ - |
| 20-00 Income, Technical Education,
Commonwealth Endowment | 6 337 69 F | 6 337 69 | 3 757 60 | - | 2 580 09 R |
| 30-00 Income, Massachusetts School Fund | 227 337 44 A
143 744 90 F | 371 082 34 | 141 548 74 | - | 229 533 60 R |
| TOTAL | <u>\$ 388 370 03</u> | <u>\$ 388 370 03</u> | <u>\$ 156 256 34</u> | <u>\$ -</u> | <u>\$ 232 113 69 R</u> |

A. Balance from Prior Year.
F. Receipts.
R. Reserved for Balances Forwarded.

BOND FUNDS

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1958

| | CURRENT FISCAL YEAR | | | | | CUMULATIVE TOTALS | |
|--|-----------------------------------|------------------|--------------|--------------|-------------------------|------------------------|-------------------|
| | Appropriations
& Other Credits | Total
Credits | Expenditures | Encumbrances | Unencumbered
Balance | Total
Authorization | Total
Payments |
| DEPARTMENT OF CORPORATIONS & TAXATION | | | | | | | |
| 8257-94 Equipment | \$ 11 893 10 A \$
- 448 18 N | 11 444 92 | \$ 1 667 40 | \$ 9 777 52 | \$ - | \$ 14 026 82 | \$ 4 249 30 |
| 95 Division of Accounts - equipment | 1 747 20 A
- 60 60 N | 1 686 60 | 1 686 60 | - | - | 5 939 40 | 5 939 40 |
| DEPARTMENT OF EDUCATION | | | | | | | |
| 8157-11 Fire protection improvements - buildings | 11 635 40 A | 11 635 40 | 10 571 17 | 860 95 | 203 28 R | 15 000 00 | 13 935 77 |
| 12 Renovations to roof - Newbury St. bldg. | 38 500 00 A
1 770 00 V | 40 270 00 | 35 520 14 | 4 462 44 | 287 42 R | 41 770 00 | 37 020 14 |
| 8255-06 Fire protection improvements - buildings | 74 022 15 A | 74 022 15 | 62 113 17 | 11 119 35 | 789 63 R | 531 000 00 | 519 091 02 |
| 8256-10 Fire protection improvements - buildings | 19 000 00 A | 19 000 00 | 19 000 00 | - | - | 19 000 00 | 19 000 00 |
| 8257-97 Office of Commissioner - equipment | 421 80 A
- 17 05 N | 404 75 | 334 75 | 70 00 | - | 3 182 95 | 3 112 95 |
| 98 Newbury St. bldg. - repairs & improvements | 2 282 63 A
- 24 63 N | 2 258 00 | 2 258 00 | - | - | 3 975 37 | 3 975 37 |
| 99 Newbury St. bldg. - equipment | 18 45 A
- 18 45 N | - | - | - | - | 581 55 | 581 55 |
| 8258-22 Fire protection improvements - buildings | 100 000 00 | 100 000 00 | 13 597 19 | 15 738 81 | 70 664 00 R | 100 000 00 | 13 597 19 |
| 8357-02 Div. of University Extension - equipment | 1 715 35 A
- 3 23 N | 1 712 12 | 1 342 12 | 370 00 | - | 4 306 77 | 3 936 77 |
| 04 Division of Libraries - equipment | 6 000 00 A
- 196 00 N | 5 804 00 | 5 804 00 | - | - | 5 804 00 | 5 804 00 |
| 05 Division of the Blind - equipment | 5 546 34 A
- 186 19 N | 5 360 15 | 5 242 57 | 117 58 | - | 6 913 81 | 6 796 23 |
| 06 Teachers' Retirement Bd. - equipment | 122 90 A
- 6 65 N | 116 25 | 94 00 | 22 25 | - | 368 35 | 346 10 |
| Massachusetts Maritime Academy | | | | | | | |
| 7713-01 State Pier facilities, Buzzards Bay | 24 003 81 A | 24 003 81 | 14 696 17 | 4 516 74 | 4 790 90 R | 25 000 00 | 15 692 36 |
| 7813-04 State Pier facilities, Buzzards Bay | 42 092 70 A | 42 092 70 | 1 104 27 | - | 40 988 43 R | 120 000 00 | 79 011 57 |
| 8256-11 Repairs & improv., property - Buzzards Bay | 89 824 00 A | 89 824 00 | 58 532 25 | 25 287 75 | 6 004 00 R | 90 000 00 | 58 708 25 |
| 8258-23 Land, rprs. & improv. - property - Buzzards B. | 134 000 00 | 134 000 00 | 56 556 53 | 77 443 47 | - | 134 000 00 | 56 556 53 |
| 8357-07 Repairs and improvements | 5 000 00 A
- 5 000 00 N | - | - | - | - | - | - |
| 08 Equipment | 4 222 99 A
- 710 01 N | 3 512 98 | 352 08 | 3 160 90 | - | 4 289 99 | 1 129 09 |
| Massachusetts School of Art | | | | | | | |
| 8256-20 Reconstr. roof & installation elevator | 28 282 82 A | 28 282 82 | 6 652 87 | 4 168 81 | 17 461 14 R | 60 000 00 | 38 370 05 |
| 8258-29 Reconstruction & repair - roof | 55 000 00 | 55 000 00 | 40 537 64 | 14 462 36 | - | 55 000 00 | 40 537 64 |
| 30 Plans - library, classroom & work shop | 15 000 00 | 15 000 00 | 590 78 | 14 409 22 | - | 15 000 00 | 590 78 |
| 8357-27 Repairs and improvements | 2 411 00 A
- 457 00 N | 1 954 00 | - | 1 954 00 | - | 7 543 00 | 5 589 00 |
| 28 Equipment | 105 90 A
- 33 98 N | 71 92 | - | 71 92 | - | 1 816 02 | 1 744 10 |
| State Teachers' College - Boston | | | | | | | |
| 8157-25 Plans - improvements college buildings | 34 000 00 A | 34 000 00 | 8 500 00 | 25 500 00 | - | 34 000 00 | 8 500 00 |
| 8255-10 Renovations and improvements | 11 131 46 A | 11 131 46 | 279 63 | 3 720 37 | 7 131 46 R | 76 000 00 | 65 148 17 |
| 8256-19 Renovations and improvements | 117 725 91 A | 117 725 91 | 106 424 05 | 1 623 75 | 9 678 11 R | 175 000 00 | 163 698 14 |
| 8357-25 Repairs and improvements | 17 625 60 A
- 207 03 N | 17 418 57 | 12 257 81 | 5 160 76 | - | 18 792 97 | 13 632 21 |
| 26 Equipment | 26 207 61 A
- 102 24 N | 26 105 37 | 17 903 50 | 8 201 87 | - | 34 897 76 | 26 695 89 |

State Teachers' College - Bridgewater

| | | | | | | |
|---|--------------|------------|----------|-------------|------------|------------|
| 7613-01 Plans & specs. dormitory building | 21 101 85 A | 21 101 85 | - | 21 101 85 R | 30 000 00 | 8 898 15 |
| 15 Plans & specs. gymnasium building | 14 115 65 A | 14 115 65 | 329 40 | 259 03 R | 36 000 00 | 35 411 57 |
| 8157-13 Plans - plumbing renovations | 8 663 04 A | 8 663 04 | - | 3 946 81 R | 10 000 00 | 6 053 19 |
| 14 Renovation - old gymnasium & Boyden Hall | 191 937 60 A | 191 937 60 | 6 393 45 | 14 213 35 R | 195 800 00 | 175 193 20 |
| 8254-05 Storage Building | 617 01 A | 617 01 | - | - | 11 185 73 | 11 185 73 |

8255-07 Gymnasium & swimming pool building

| | | | | | | |
|-------------|-----------|-----------|-----------|----------|--------------|--------------|
| 24 319 25 A | 30 663 28 | 17 708 75 | 12 797 77 | 156 76 R | 1 126 344 03 | 1 113 389 50 |
|-------------|-----------|-----------|-----------|----------|--------------|--------------|

8256-12 Renovations & improvements - boiler plant

| | | | | | | |
|------------|----------|----------|--------|------------|-----------|-----------|
| 6 344 03 V | 8 892 92 | 5 196 21 | 468 83 | 3 227 88 R | 30 000 00 | 26 303 29 |
|------------|----------|----------|--------|------------|-----------|-----------|

13 Plumbing renovations in Woodward Hall

| | | | | | | |
|-------------|-----------|-----------|-----------|------------|-----------|-----------|
| 88 900 00 A | 95 000 00 | 80 677 89 | 11 208 05 | 3 114 06 R | 96 100 00 | 81 777 89 |
|-------------|-----------|-----------|-----------|------------|-----------|-----------|

8258-24 Dormitory

| | | | | | | |
|------------|------------|---|---|--------------|------------|---|
| 6 100 00 V | 625 000 00 | - | - | 625 000 00 R | 625 000 00 | - |
|------------|------------|---|---|--------------|------------|---|

25 Dorm. & improv. - kitchen & dining facilities

| | | | | | | |
|--------------|--------------|-----------|-----------|----------------|--------------|-----------|
| 1 310 000 00 | 1 310 000 00 | 44 913 46 | 43 086 54 | 1 222 000 00 R | 1 310 000 00 | 44 913 46 |
|--------------|--------------|-----------|-----------|----------------|--------------|-----------|

8357-09 Repairs and improvements

| | | | | | | |
|------------|----------|----------|----------|---|----------|----------|
| 9 600 00 A | 9 507 38 | 5 125 41 | 4 381 97 | - | 9 507 38 | 5 125 41 |
|------------|----------|----------|----------|---|----------|----------|

10 Equipment

| | | | | | | |
|-------------|-----------|-----------|--------|---|-----------|-----------|
| 17 064 48 A | 16 845 73 | 16 167 45 | 678 28 | - | 19 081 25 | 18 402 97 |
|-------------|-----------|-----------|--------|---|-----------|-----------|

State Teachers' College - Fitchburg

7613-02 Fire protection

| | | | | | | |
|----------|--------|--------|---|---|-----------|-----------|
| 486 41 A | 486 41 | 486 41 | - | - | 68 316 22 | 68 316 22 |
|----------|--------|--------|---|---|-----------|-----------|

7713-04 Plans & specs. dorm., dining hall & kitchen

| | | | | | | |
|------------|----------|----------|--------|---|-----------|-----------|
| 8 385 20 A | 8 385 20 | 7 598 18 | 787 02 | - | 34 450 00 | 33 662 98 |
|------------|----------|----------|--------|---|-----------|-----------|

06 Renovation masonry, Industrial Arts Bldg.

| | | | | | | |
|----------|--------|--------|---|---|-----------|-----------|
| 262 09 A | 262 09 | 262 09 | - | - | 28 945 40 | 28 945 40 |
|----------|--------|--------|---|---|-----------|-----------|

8157-15 Renov. heat. & vent. sys. - Adminis. Bldg.

| | | | | | | |
|-------------|-----------|-----------|-----------|------------|-----------|-----------|
| 58 000 00 A | 66 460 00 | 54 570 36 | 10 777 96 | 1 111 68 R | 66 460 00 | 54 570 36 |
|-------------|-----------|-----------|-----------|------------|-----------|-----------|

16 Plumbing & refrigeration renovations

| | | | | | | |
|------------|-----------|-----------|---|---|-----------|-----------|
| 8 460 00 V | 12 161 29 | 12 161 29 | - | - | 54 000 00 | 54 000 00 |
|------------|-----------|-----------|---|---|-----------|-----------|

73 Constr. dorm., dining hall & kitchen

| | | | | | | |
|----------------|--------------|------------|------------|-------------|--------------|------------|
| 1 279 853 20 A | 1 279 853 20 | 424 387 00 | 761 626 77 | 93 839 43 R | 1 282 000 00 | 426 533 80 |
|----------------|--------------|------------|------------|-------------|--------------|------------|

8255-08 Gymnasium Building

| | | | | | | |
|--------------|------------|------------|----------|----------|------------|------------|
| 131 397 31 A | 131 397 31 | 126 523 88 | 4 269 68 | 603 75 R | 500 000 00 | 495 126 57 |
|--------------|------------|------------|----------|----------|------------|------------|

8256-14 Plumbing improvements - Miller Hall

| | | | | | | |
|-------------|-----------|----------|----------|------------|-----------|-----------|
| 14 064 62 A | 14 064 62 | 6 576 77 | 1 523 18 | 5 964 67 R | 35 000 00 | 27 512 15 |
|-------------|-----------|----------|----------|------------|-----------|-----------|

8258-02 Constr. dorm., dining hall & kitchen

| | | | | | | |
|--------------|------------|------------|-------|---|------------|------------|
| 196 000 00 A | 196 000 00 | 195 912 79 | 87 21 | - | 196 000 00 | 195 912 79 |
|--------------|------------|------------|-------|---|------------|------------|

8357-11 Repairs and improvements

| | | | | | | |
|------------|----------|----------|---|---|----------|----------|
| 4 000 00 A | 3 988 45 | 3 988 45 | - | - | 3 988 45 | 3 988 45 |
|------------|----------|----------|---|---|----------|----------|

12 Equipment

| | | | | | | |
|-------------|-----------|----------|----------|---|-----------|-----------|
| 11 303 57 A | 10 663 89 | 9 406 53 | 1 257 36 | - | 16 860 32 | 15 602 96 |
|-------------|-----------|----------|----------|---|-----------|-----------|

State Teachers' College - Framingham

7613-04 Auditorium - gymnasium building, etc.

| | | | | | | |
|---------|-------|-------|---|---|------------|------------|
| 97 50 A | 97 50 | 97 50 | - | - | 624 999 34 | 624 999 34 |
|---------|-------|-------|---|---|------------|------------|

8157-17 Lands & bldgs., repairs & renov. Voc. House

| | | | | | | |
|-------------|-----------|-----------|----------|-------------|-----------|-----------|
| 60 000 00 A | 60 000 00 | 25 250 00 | 2 700 00 | 32 050 00 R | 60 000 00 | 25 250 00 |
|-------------|-----------|-----------|----------|-------------|-----------|-----------|

8258-26 Dormitory, Student Union Bldg., etc.

| | | | | | | |
|--------------|--------------|---|-----------|----------------|--------------|---|
| 1 500 000 00 | 1 500 000 00 | - | 80 000 00 | 1 420 000 00 R | 1 500 000 00 | - |
|--------------|--------------|---|-----------|----------------|--------------|---|

27 Acquisition - land and buildings

| | | | | | | |
|-----------|-----------|---|-----------|---|-----------|---|
| 35 000 00 | 35 000 00 | - | 35 000 00 | - | 35 000 00 | - |
|-----------|-----------|---|-----------|---|-----------|---|

8357-13 Repairs and improvements

| | | | | | | |
|------------|----------|----------|--------|---|----------|----------|
| 5 853 25 A | 5 803 79 | 5 403 79 | 400 00 | - | 9 950 54 | 9 550 54 |
|------------|----------|----------|--------|---|----------|----------|

14 Equipment

| | | | | | | |
|------------|----------|----------|----------|---|-----------|-----------|
| 8 497 61 A | 8 471 52 | 6 382 63 | 2 088 89 | - | 17 235 91 | 15 147 02 |
|------------|----------|----------|----------|---|-----------|-----------|

State Teachers' College - Lowell

7713-09 Auditorium, gymnasium, classroom

| | | | | | | |
|----------|--------|--------|---|---|------------|------------|
| 788 77 A | 788 77 | 788 77 | - | - | 861 273 93 | 861 273 93 |
|----------|--------|--------|---|---|------------|------------|

10 Fire protection improvements

| | | | | | | |
|------------|----------|----------|---|---|-----------|-----------|
| 7 397 65 A | 7 397 65 | 7 397 65 | - | - | 82 237 15 | 82 237 15 |
|------------|----------|----------|---|---|-----------|-----------|

8157-18 Purchase land and property

| | | | | | | |
|--------------|------------|------------|---|---|------------|------------|
| 100 000 00 A | 100 000 00 | 100 000 00 | - | - | 100 000 00 | 100 000 00 |
|--------------|------------|------------|---|---|------------|------------|

19 Acquisition - land with buildings

| | | | | | | |
|-------------|-----------|-----------|---|---|-----------|-----------|
| 40 000 00 A | 40 000 00 | 40 000 00 | - | - | 40 000 00 | 40 000 00 |
|-------------|-----------|-----------|---|---|-----------|-----------|

8255-09 Convert auditorium to library

| | | | | | | |
|----------|--------|--------|------|---------|-----------|-----------|
| 600 72 A | 600 72 | 579 94 | 6 00 | 14 78 R | 15 000 00 | 14 979 22 |
|----------|--------|--------|------|---------|-----------|-----------|

8256-15 Renovation - toilets and washrooms

| | | | | | | |
|------------|----------|----------|--------|----------|-----------|-----------|
| 2 729 84 A | 2 729 84 | 2 255 39 | 215 70 | 258 75 R | 25 000 00 | 24 525 55 |
|------------|----------|----------|--------|----------|-----------|-----------|

8357-15 Repairs and improvements

| | | | | | | |
|-------------|-----------|-----------|--------|---|-----------|-----------|
| 14 268 92 A | 14 249 79 | 13 781 79 | 468 00 | - | 14 980 87 | 14 512 87 |
|-------------|-----------|-----------|--------|---|-----------|-----------|

State Teachers' College - North Adams

8157-20 Renovation - girls' dormitory

| | | | | | | |
|-------------|-----------|-----------|--------|----------|-----------|-----------|
| 38 900 30 A | 43 900 30 | 43 105 31 | 372 41 | 422 58 R | 45 000 00 | 44 205 01 |
|-------------|-----------|-----------|--------|----------|-----------|-----------|

21 Plans - science, gym. and audit. bldgs.

| | | | | | | |
|------------|-----------|-----------|-----------|---|-----------|-----------|
| 5 000 00 V | 74 505 00 | 26 150 78 | 48 354 22 | - | 75 000 00 | 26 645 78 |
|------------|-----------|-----------|-----------|---|-----------|-----------|

22 Renovations & improv. - boiler plant

| | | | | | | |
|-------------|-----------|---|---|-------------|-----------|---|
| 36 000 00 A | 36 000 00 | - | - | 36 000 00 R | 36 000 00 | - |
|-------------|-----------|---|---|-------------|-----------|---|

8256-16 Renovations & improv. - boiler plant

| | | | | | | |
|-------------|-----------|-----------|---|------------|-----------|-----------|
| 13 867 18 A | 13 867 18 | 10 629 60 | - | 3 237 58 R | 82 600 00 | 79 362 42 |
|-------------|-----------|-----------|---|------------|-----------|-----------|

8258-87 Gymnasium and auditorium building

| | | | | | | |
|--------------|--------------|---|-----------|----------------|--------------|---|
| 1 500 000 00 | 1 500 000 00 | - | 32 077 54 | 1 467 922 46 R | 1 500 000 00 | - |
|--------------|--------------|---|-----------|----------------|--------------|---|

8357-17 Repairs and improvements

| | | | | | | |
|------------|----------|----------|---|---|----------|----------|
| 1 000 00 A | 1 000 00 | 1 000 00 | - | - | 1 000 00 | 1 000 00 |
|------------|----------|----------|---|---|----------|----------|

18 Equipment

| | | | | | | |
|------------|----------|----------|---|---|----------|----------|
| 3 387 27 A | 3 385 48 | 3 385 48 | - | - | 6 498 21 | 6 498 21 |
|------------|----------|----------|---|---|----------|----------|

BOND FUNDS

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1958

| | | CURRENT FISCAL YEAR | | | | CUMULATIVE TOTALS | | |
|---|---|-----------------------------------|------------------|--------------|--------------|-------------------------|------------------------|-------------------|
| | | Appropriations
& Other Credits | Total
Credits | Expenditures | Encumbrances | Unencumbered
Balance | Total
Authorization | Total
Payments |
| DEPARTMENT OF EDUCATION | | | | | | | | |
| State Teachers' College - Salem | | | | | | | | |
| 8157-23 | Acquisition - land with buildings | \$ 25 000 00 A | \$ 25 000 00 | - | - | \$ 25 000 00 R | \$ 25 000 00 | \$ - |
| 8254-36 | Plans and specs. - new buildings | 38 370 17 A | 38 370 17 | 3 387 91 | 26 786 15 | 8 196 11 R | 50 000 00 | 15 017 74 |
| 8256-17 | Library, Aud., Gym., Caf., Admin. Bldg. | 1 150 000 00 A | 1 150 000 00 | 598 029 97 | 150 395 03 | 401 575 00 R | 1 150 000 00 | 598 029 97 |
| 8258-01 | Library, Aud., Gym., Caf., Admin. Bldg. | 781 000 00 A | 781 000 00 | - | 781 000 00 | - | 781 000 00 | - |
| 28 | Repair & repaint walls - training school | 50 000 00 | 50 000 00 | - | 3 300 00 | 46 700 00 R | 50 000 00 | - |
| 8357-19 | Repairs and improvements | 545 00 A | 509 00 | 509 00 | - | - | 2 464 00 | 2 464 00 |
| | | -36 00 N | | | | | | |
| 20 | Equipment | 6 333 00 A | 6 320 26 | 6 284 06 | 36 20 | - | 19 987 26 | 19 951 06 |
| | | -12 74 N | | | | | | |
| State Teachers' College - Westfield | | | | | | | | |
| 7613-05 | College bldg., dorm., kitchen & dining facil. | 112 196 61 A | 112 196 61 | 56 587 67 | 19 741 04 | 35 867 90 R | 3 025 000 00 | 2 969 391 06 |
| 7713-13 | Plans and specifications - buildings | 585 50 A | 585 50 | - | 585 50 | - | 125 000 00 | 124 414 50 |
| 8357-22 | Equipment | 1 289 68 A | 1 193 01 | 60 06 | 1 132 95 | - | 3 128 33 | 1 995 38 |
| | | -96 67 N | | | | | | |
| State Teachers' College - Worcester | | | | | | | | |
| 8157-24 | Constr. Gym., Lib., Caf., & Classroom Bldg. | 1 391 533 22 A | 1 391 533 22 | 1 146 710 73 | 243 729 25 | 1 093 24 R | 1 506 000 00 | 1 261 177 51 |
| 8258-03 | Constr. Gym., Lib., Caf., & Classroom Bldg. | 181 000 00 A | 181 000 00 | 15 629 97 | 4 370 03 | 161 000 00 R | 181 000 00 | 15 629 97 |
| 8357-23 | Repairs and improvements | 2 500 00 A | 2 207 00 | 1 707 00 | 500 00 | - | 2 207 00 | 1 707 00 |
| | | -293 00 N | | | | | | |
| 24 | Equipment | 3 480 00 A | 3 467 47 | 3 025 47 | 442 00 | - | 3 787 47 | 3 345 47 |
| | | -12 53 N | | | | | | |
| Bradford Durfee College of Technology | | | | | | | | |
| 8157-26 | Renovations & improv. - boiler plant | 102 664 83 A | 102 664 83 | 87 168 45 | 4 528 27 | 10 968 11 R | 105 000 00 | 89 503 62 |
| 27 | Acquisition - land with buildings, etc. | 35 000 00 A | 35 000 00 | 15 501 18 | 743 10 | 18 755 72 R | 50 000 00 | 30 501 18 |
| 8258-31 | Replacement of elevator | 40 000 00 | 40 000 00 | 1 140 00 | 2 747 40 | 36 112 60 R | 40 000 00 | 1 140 00 |
| 32 | Plans - Student Union Building | 60 000 00 | 60 000 00 | 419 54 | 59 580 46 | - | 60 000 00 | 419 54 |
| 8357-29 | Repairs and improvements | 5 000 00 A | 4 930 00 | 3 858 00 | 1 072 00 | - | 4 930 00 | 3 858 00 |
| | | -70 00 N | | | | | | |
| 30 | Equipment | 8 500 00 A | 8 451 64 | 6 265 14 | 2 186 50 | - | 8 451 64 | 6 265 14 |
| | | -48 36 N | | | | | | |
| Lowell Technological Institute of Massachusetts | | | | | | | | |
| 7613-06 | Power plant and lighting improvements | 599 53 A | 599 53 | 599 53 | - | - | 64 893 48 | 64 893 48 |
| 07 | Building renovations | 39 637 90 A | 39 637 90 | 39 179 67 | 15 25 | - | 283 557 02 | 283 541 77 |
| | | | | 442 98 D | | | | |
| 7713-18 | Lighting improvements | 87 76 A | 87 76 | 87 76 | - | - | 9 786 89 | 9 786 89 |
| 7918-15 | Paper & leather engineering building | 36 62 A | 36 62 | - | 36 62 | - | 164 988 68 | 164 952 06 |
| 8013-06 | Engineering Building | 9 582 56 A | 9 582 56 | - | 9 582 56 | - | 585 029 21 | 575 446 65 |
| 8157-28 | Acquisition - land with buildings | 3 476 16 A | 3 476 16 | 2 087 98 | - | 1 388 18 R | 17 000 00 | 15 611 82 |
| 29 | Electronics - Plastics engineering bldgs. | 2 108 000 00 A | 2 108 000 00 | - | 1 416 600 00 | 691 400 00 R | 2 108 000 00 | - |
| 8255-11 | Machinery and equipment | 13 998 21 A | 13 998 21 | 774 82 | 9 498 62 | 3 724 77 R | 110 000 00 | 96 776 61 |
| 12 | Fire protection improvements | 848 73 A | 848 73 | 848 73 | - | - | 35 000 00 | 35 000 00 |
| 8256-22 | Fire protection improvements | 4 003 21 A | 4 003 21 | 1 539 45 | 1 203 61 | 1 260 15 R | 23 500 00 | 21 036 24 |
| 23 | Certain furnishings & equipment | 687 37 A | 687 37 | 70 85 | 41 68 | 574 84 R | 100 000 00 | 99 383 48 |
| 24 | Underground chemical storage facility | 1 777 63 A | 1 777 63 | 252 44 | - | 1 525 19 R | 29 000 00 | 27 474 81 |
| 25 | Library book stack tower | 3 726 09 A | 3 726 09 | 1 955 10 | - | - | 44 429 01 | 44 429 01 |
| | | | | 1 770 99 D | | | | |
| 8258-33 | Lighting units & fire protection improv. | 11 000 00 | 11 000 00 | - | 1 100 00 | 9 900 00 R | 11 000 00 | - |
| 8356-29 | Chemistry benches | 29 466 26 A | 29 466 26 | 28 214 45 | 764 38 | 487 43 R | 76 100 00 | 74 848 19 |

Lowell Technological Institute of Massachusetts

| | | | | | | | |
|--|-------------|-----------|-----------|-----------|-------------|-----------|-----------|
| 8356-30 Plans - Industrial Research Building | 64 662 07 A | 64 662 07 | 43 298 14 | 4 062 07 | 17 301 86 R | 80 000 00 | 58 636 07 |
| 8357-33 Repairs and improvements | 2 000 00 A | 1 190 00 | 1 190 00 | - | - | 1 190 00 | 1 190 00 |
| 34 Equipment | - 810 00 N | 68 429 22 | 57 519 08 | 10 910 14 | - | 74 957 77 | 64 047 63 |
| | 68 471 45 A | | | | | | |
| | - 42 23 N | | | | | | |

New Bedford Institute of Technology

| | | | | | | | |
|--|-------------|-----------|-----------|--------|------------|------------|------------|
| 7918-17 New building | 27 878 32 A | 27 878 32 | 19 719 52 | 706 81 | 7 451 99 R | 866 000 00 | 857 841 20 |
| 8256-21 Construction of building, etc. | 3 105 13 A | 3 105 13 | 1 652 07 | - | 1 453 06 R | 75 000 00 | 73 546 94 |
| 8357-31 Repairs and improvements | 6 103 00 A | 6 083 00 | 5 804 00 | 279 00 | - | 6 980 00 | 6 701 00 |
| 32 Equipment | - 20 00 N | 23 966 60 | 23 811 01 | 155 59 | - | 49 957 52 | 49 801 93 |
| | 24 009 08 A | | | | | | |
| | - 42 48 N | | | | | | |

University of Massachusetts

| | | | | | | | |
|---|--------------|------------|------------|-----------|------------|--------------|--------------|
| 7613-11 Farm & dairy building improvements | 26 305 92 A | 26 305 92 | 22 057 80 | - | 4 248 12 R | 101 615 77 | 97 367 65 |
| 12 Engineering Building wing | 9 906 25 A | 9 906 25 | 8 190 91 | 1 682 97 | - | 840 539 67 | 838 856 70 |
| | | | 32 37 D | | | | |
| 13 Public Health Building | 866 629 02 A | 866 629 02 | 866 067 03 | 561 99 | - | 1 031 000 00 | 1 030 438 01 |
| 14 Power plant improvements | 10 452 29 A | 10 452 29 | - | 10 452 29 | - | 166 000 00 | 155 547 71 |
| 7713-22 Laboratory & improv., French & Wilder Halls | 4 368 12 A | 4 368 12 | 4 318 12 | - | - | 33 018 97 | 33 018 97 |
| | | | 50 00 D | | | | |

8157-30 Fire protection improvements

| | | | | | | | |
|--|----------------|--------------|------------|--------------|--------------|--------------|------------|
| 31 Addition to library | 30 000 00 A | 30 000 00 | 30 000 00 | - | - | 30 000 00 | 30 000 00 |
| 32 R. O. T. C. Armory & classroom building | 1 979 000 00 A | 1 979 000 00 | 259 673 35 | 1 386 055 05 | 333 271 60 R | 1 979 000 00 | 259 673 35 |
| 33 Plans for Science Building | 400 000 00 A | 400 000 00 | 9 974 09 | 18 525 91 | 371 500 00 R | 400 000 00 | 9 974 09 |
| 34 Women's physical education building | 93 000 00 A | 93 000 00 | 50 295 21 | 39 824 78 | 2 880 01 R | 93 000 00 | 50 295 21 |
| | 250 000 00 A | 250 000 00 | 99 823 17 | 50 051 33 | 100 125 50 R | 250 000 00 | 99 823 17 |

35 Plans - steam, elec., water & sewer systems

| | | | | | | | |
|--|--------------|------------|------------|------------|-------------|------------|------------|
| 8254-07 Plans & specs. physical education building | 13 746 94 A | 13 746 94 | 274 06 | 13 472 88 | - | 15 000 00 | 1 527 12 |
| 08 Plans & specs. chemistry laboratory addition | 30 247 11 A | 30 247 11 | 8 639 18 | 20 811 17 | 796 76 R | 50 000 00 | 28 392 07 |
| 09 Renovation and remodeling Draper Hall | 74 884 50 A | 74 884 50 | 1 160 95 | 8 019 34 | 65 704 21 R | 75 000 00 | 1 276 45 |
| 10 Power plant improvements | 3 286 44 A | 3 286 44 | 3 286 44 D | - | - | 271 713 56 | 271 713 56 |
| | 113 173 40 A | 113 173 40 | - | 113 173 40 | - | 120 000 00 | 6 826 60 |

11 Public Health Building

| | | | | | | | |
|------------------------------------|----------------|--------------|--------------|------------|-------------|--------------|--------------|
| 8255-13 Improvements - utilities | 380 014 42 A | 380 014 42 | 177 261 05 | 171 474 87 | 31 278 50 R | 436 000 00 | 233 246 63 |
| 14 Classroom Building | 79 373 06 A | 79 373 06 | 71 516 72 | 5 525 49 | 2 330 85 R | 395 000 00 | 387 143 66 |
| 15 Fire protection improvements | 15 812 65 A | 15 812 65 | 12 456 39 | 320 55 | 3 035 71 R | 1 022 070 00 | 1 018 713 74 |
| 16 Addition - chemistry laboratory | 69 757 69 A | 69 757 69 | 62 282 91 | 2 685 59 | 4 789 19 R | 72 000 00 | 64 525 22 |
| | 1 758 160 06 A | 1 758 160 06 | 1 173 823 80 | 539 924 31 | 44 411 95 R | 2 011 000 00 | 1 426 663 74 |

17 Women's physical education building

| | | | | | | | |
|--|----------------|--------------|------------|--------------|--------------|--------------|--------------|
| 8256-26 Fire protection improvements - buildings | 1 109 674 55 A | 1 109 674 55 | 956 557 41 | 153 117 14 | - | 1 621 000 00 | 1 467 882 86 |
| 27 Plans for addition to library | 18 000 00 A | 18 000 00 | 17 515 19 | 484 81 | - | 18 000 00 | 17 515 19 |
| 28 Liberal arts classroom building | 73 000 00 A | 73 000 00 | 53 562 77 | 19 352 07 | 85 16 R | 88 000 00 | 68 562 77 |
| 30 Improv. & add. - power plt. & utility system | 1 952 364 68 A | 1 952 364 68 | 22 093 79 | 1 678 010 26 | 252 260 63 R | 2 000 000 00 | 69 729 11 |
| | 1 053 851 38 A | 1 053 851 38 | 488 861 21 | 451 209 98 | 113 780 19 R | 1 169 000 00 | 604 009 83 |

31 Vegetable gardening classroom building

| | | | | | | | |
|-------------------------------------|--------------|------------|-----------|------------|--------------|------------|-----------|
| 32 Laboratory equipment | 243 800 00 A | 307 800 00 | 48 959 70 | 239 629 21 | 19 211 09 R | 314 000 00 | 55 159 70 |
| 8258-04 Liberal Arts Building | 64 000 00 V | | | | | | |
| 05 Addition to chemistry laboratory | 413 52 A | 413 52 | - | 221 79 | 191 73 R | 100 000 00 | 99 586 48 |
| 34 Acquisition - land and buildings | 416 000 00 A | 416 000 00 | - | 416 000 00 | - | 416 000 00 | - |
| | 500 000 00 A | 500 000 00 | - | 401 887 93 | 98 112 07 R | 500 000 00 | - |
| | 150 000 00 | 150 000 00 | - | 1 000 00 | 149 000 00 R | 150 000 00 | - |

35 Improv. & add. - power plt. & utility sys.

| | | | | | | | |
|---|--------------|--------------|------------|--------------|--------------|--------------|------------|
| 36 Science Building | 950 000 00 | 950 000 00 | 108 009 34 | 760 340 66 | 81 650 00 R | 950 000 00 | 108 009 34 |
| | 2 734 000 00 | 2 734 000 00 | 20 265 24 | 1 747 721 80 | 666 012 96 R | 2 434 000 00 | 20 265 24 |
| 37 Improv. - land, physical educ. field | 162 000 00 | 162 000 00 | 1 200 00 | 7 900 00 | 152 900 00 R | 162 000 00 | 1 200 00 |
| 38 Plans - school of ed. & lab. practice school | 92 000 00 | 92 000 00 | - | 92 000 00 | - | 92 000 00 | - |
| 39 Plans - infirmary | 60 000 00 | 60 000 00 | - | 60 000 00 | - | 60 000 00 | - |

40 Plans - engineering shops

| | | | | | | | |
|------------------------------------|-------------|-----------|-----------|-----------|---|-----------|-----------|
| 41 Plans - maintenance building | 45 000 00 | 45 000 00 | - | 45 000 00 | - | 45 000 00 | - |
| 42 Plans - cold storage laboratory | 18 000 00 | 18 000 00 | - | 18 000 00 | - | 18 000 00 | - |
| 8357-36 Equipment | 23 000 00 | 23 000 00 | - | 23 000 00 | - | 23 000 00 | - |
| | 24 918 93 A | 24 876 74 | 22 746 54 | 2 130 20 | - | 99 957 81 | 97 827 61 |
| | - 42 19 N | | | | | | |

BOND FUNDS

STATEMENT OF APPROPRIATIONS, EXPENDITURES AND UNENCUMBERED BALANCES AS OF JUNE 30, 1958

| | CURRENT FISCAL YEAR | | | | | CUMULATIVE TOTALS | |
|---|-----------------------------------|------------------|----------------|--------------|-------------------------|------------------------|-------------------|
| | Appropriations
& Other Credits | Total
Credits | Expenditures | Encumbrances | Unencumbered
Balance | Total
Authorization | Total
Payments |
| DEPARTMENT OF EDUCATION | | | | | | | |
| Youth Service Board | | | | | | | |
| 8254-13 Plans & specs. Security Bldg. unit | \$ 25 000 00 A | 25 000 00 | \$ 25 000 00 D | - | \$ 27 384 73 R | \$ 85 000 00 | \$ 13 699 73 |
| 8255-18 Fire protection improv. - buildings | 78 155 16 A | 78 155 16 | 6 854 89 | 43 915 54 | - | 30 000 00 | - |
| 8256-33 Fire protection improv. - buildings | 30 000 00 A | 30 000 00 | - | 3 155 86 | - | 10 000 00 | 6 844 14 |
| 8258-43 Fire protection improv. - buildings | 10 000 00 | 10 000 00 | 6 844 14 | - | - | - | - |
| Industrial School for Boys | | | | | | | |
| 8157-36 Addition to Administration Building | 698 000 00 A | 698 000 00 | 9 724 30 | 630 517 53 | 57 758 17 R | 698 000 00 | 9 724 30 |
| 37 Power plant improvements | 156 000 00 A | 156 000 00 | 126 705 10 | 24 203 32 | 5 091 58 R | 156 000 00 | 126 705 10 |
| 74 Renovation to building | 2 929 52 A | 2 929 52 | 2 176 11 | - | 753 41 R | 6 000 00 | 5 246 59 |
| 8254-14 Power plant improvements | 41 849 49 A | 41 849 49 | 15 178 19 | 26 671 30 | - | 55 000 00 | 28 328 70 |
| 8255-20 Intercommunication system | 3 872 56 A | 3 872 56 | 103 84 | - | 3 768 72 R | 15 000 00 | 11 231 28 |
| 8256-34 Plans - staff house & central cafeteria | 18 000 00 A | 18 000 00 | 17 324 50 | 675 50 | - | 18 000 00 | 17 324 50 |
| 35 Plans - addition to Administration Bldg. | 24 000 00 A | 24 000 00 | 17 000 00 | 7 000 00 | - | 24 000 00 | 17 000 00 |
| 8258-07 Addition to Administration Building | 263 000 00 A | 263 000 00 | - | - | 263 000 00 R | 263 000 00 | - |
| 8357-39 Equipment | 2 660 75 A | 1 340 65 | 1 340 65 | - | - | 4 879 90 | 4 879 90 |
| -1 320 10 N | - | - | - | - | - | - | - |
| Industrial School for Girls | | | | | | | |
| 8357-40 Repairs and improvements | 1 800 00 A | 140 90 | 140 90 | - | - | 140 90 | 140 90 |
| -1 659 10 N | - | - | - | - | - | - | - |
| 41 Equipment | 3 000 00 A | 2 169 41 | 2 169 41 | - | - | 2 169 41 | 2 169 41 |
| -830 59 N | - | - | - | - | - | - | - |
| Lyman School for Boys | | | | | | | |
| 7704-09 Dining Commons | 4 319 26 A | 4 319 26 | 3 885 83 | 433 43 | - | 455 789 20 | 455 355 77 |
| 8254-15 School Building | 9 417 17 A | 9 417 17 | 4 034 15 | - | 5 383 02 R | 156 000 00 | 150 616 98 |
| 8256-36 Renov. & improv. heat & elec. systems | 71 124 09 A | 71 124 09 | 42 455 06 | 28 616 26 | 52 77 R | 130 000 00 | 101 330 97 |
| 37 Improvements - plumbing facilities | 54 727 65 A | 57 727 65 | 50 913 12 | 6 814 53 | - | 63 000 00 | 56 185 47 |
| 3 000 00 V | - | - | - | - | - | - | - |
| 38 Renovation of gymnasium | 3 846 08 A | 3 846 08 | 1 794 88 | - | 2 051 20 R | 20 000 00 | 17 948 80 |
| 8357-43 Equipment | 7 787 45 A | 7 755 66 | 7 755 66 | - | - | 13 568 21 | 13 568 21 |
| -31 79 N | - | - | - | - | - | - | - |
| Detention Homes | | | | | | | |
| 7704-08 Reception Building, Boston | 20 77 A | 50 | - | 50 | - | 574 979 73 | 574 979 23 |
| -20 27 N | - | - | - | - | - | - | - |
| 8254-12 Reception Building, Boston | 150 33 A | 150 33 | 150 33 D | - | - | 422 849 67 | 422 849 67 |
| 8256-39 Renovation of Detention Center | 33 666 57 A | 33 666 57 | 30 485 28 | 2 680 81 | 500 48 R | 182 950 00 | 179 768 71 |
| Institute of Juvenile Guidance, Bridgewater | | | | | | | |
| 8256-40 Renovation of buildings | 27 569 65 A | 27 569 65 | 25 902 70 | 917 99 | 748 96 R | 102 548 00 | 100 881 05 |
| 8258-44 Plans - gymnasium - classroom bldg. | 20 000 00 | 20 000 00 | - | - | 20 000 00 R | 20 000 00 | - |
| Hampden County | | | | | | | |
| 8258-46 Detention unit | 105 000 00 | 105 000 00 | - | - | 105 000 00 R | 105 000 00 | - |
| 8356-31 Detention unit | 120 000 00 A | 120 000 00 | - | 10 000 00 | 110 000 00 R | 120 000 00 | - |
| Residential Treatment Unit, Oakdale | | | | | | | |
| 8157-38 Purchase & renovation of property | 98 850 00 A | 98 850 00 | 90 313 13 | 8 500 50 | 36 37 R | 99 000 00 | 90 463 13 |
| 75 Constr. of unit or renov. building | 120 000 00 A | 120 000 00 | 2 630 00 | 6 070 00 | 111 300 00 R | 120 000 00 | 2 630 00 |
| 79 Construction - dormitory | 186 975 00 A | 186 975 00 | 7 758 70 | 4 920 48 | 174 295 82 R | 190 000 00 | 10 783 70 |
| 8258-45 Worcester County detention unit | 105 000 00 | 105 000 00 | - | - | 105 000 00 R | 105 000 00 | - |

TRUST, AGENCY AND OTHER FUNDS

CONTENTS

| | Page |
|---------------------------------|---------|
| Trust Funds | 154-162 |
| Agency Funds | 163-165 |
| Suspense Funds | 166-168 |
| Trust Deposits Funds | 170-173 |
| Authorities Deficiency Fund | 174 |
| Sinking Funds | 175 |
| Contingent Debt Retirement Fund | 175 |
| Real Estate of the Commonwealth | 176 |

STATEMENT

(Schedule
TRUST

EXPENDABLE PRINCIPAL AND

| TRUST FUND ACCOUNT | Balance | | | | Balance | |
|------------------------------------|-------------|---------------------|-------------|-------------|---------|--|
| | July 1, | | | | | |
| | 1957 | Receipts | Payments | | Total | |
| Cemetery: | | | | | | |
| Darwin Barnard | \$ 2 76 | \$ 5 52 | \$ 5 52 | \$ 2 76 | | |
| Henry F. Barrows | 34 43 | 68 86 | 68 86 | 34 43 | | |
| Benjamin H. Bicknell | 2 50 | 5 00 | 5 00 | 2 50 | | |
| Franklin N. Blake | 8 00 | 16 00 | 16 00 | 8 00 | | |
| Abbie Bodwell | 4 95 | 9 90 | 9 90 | 4 95 | | |
| Phoebe R. Clifford | 2 76 | 5 52 | 5 52 | 2 76 | | |
| Mary L. Crowell | 41 40 | 82 80 | 82 80 | 41 40 | | |
| Ella C. Davis | 2 76 | 5 52 | 5 52 | 2 76 | | |
| Sarah Draper | - | 39 88 | 25 07 | 14 81 | | |
| Austin B. Fletcher | 351 00 | 702 00 | 702 00 | 351 00 | | |
| Franklin Association | 125 00 | 250 00 | 250 00 | 125 00 | | |
| Julius A. George | 27 60 | 55 20 | 55 20 | 27 60 | | |
| Tamar M. Goldthwaite | 57 00 | 114 00 | 114 00 | 57 00 | | |
| Rose Gordon | 5 18 | 10 35 | 10 35 | 5 18 | | |
| Edward R. Lyman | 3 45 | 6 90 | 6 90 | 3 45 | | |
| Philip McBryan | 16 88 | 33 76 | 33 76 | 16 88 | | |
| Miles R. Moffat | 4 14 | 8 28 | 8 28 | 4 14 | | |
| Mary Murphy | 2 76 | 5 52 | 5 52 | 2 76 | | |
| New Braintree | 62 50 | 125 00 | 125 00 | 62 50 | | |
| Elizabeth H. Page | 2 56 | 5 12 | 5 12 | 2 56 | | |
| David Parham | 2 50 | 5 51 | 5 00 | 3 01 | | |
| Bessie Porter | 3 45 | 6 90 | 6 90 | 3 45 | | |
| Quabbin Park, Perpetual Care | 7 188 88 | 502 16 | - | 7 691 04 | | |
| James Reed | 13 80 | 27 60 | 27 60 | 13 80 | | |
| Richards Mt. Hope | 45 00 | 90 00 | 90 00 | 45 00 | | |
| Richards Newell Burying Ground | 15 00 | 30 00 | 30 00 | 15 00 | | |
| Richards Plainville | 12 50 | 25 00 | 25 00 | 12 50 | | |
| Sarah A. Sawyer | 2 50 | 5 00 | 5 00 | 2 50 | | |
| Adeline A. Shaw | 3 75 | 7 50 | 7 50 | 3 75 | | |
| Hannah W. Smith | 4 38 | 8 76 | 8 76 | 4 38 | | |
| Frank A. Spaulding | 4 50 | 9 00 | 9 00 | 4 50 | | |
| Carolyn Rees Stickles | 2 76 | 5 52 | 5 52 | 2 76 | | |
| Sylbert | - | 27 60 | 27 60 | - | | |
| Adelbert D. Thayer | - | 80 00 | 80 00 | - | | |
| Francis N. Thayer | 2 50 | 5 00 | 5 00 | 2 50 | | |
| Townsend Ground | 2 76 | 5 52 | 5 52 | 2 76 | | |
| Sub-total, Cemetery Trust | \$ 8 061 91 | \$ 2 396 20 | \$ 1 878 72 | \$ 8 579 39 | | |
| Education: | | | | | | |
| Mass. School of Art: | | | | | | |
| Mercy A. Bailey | \$ 42 87 | \$ 38 76 | \$ - | \$ 81 63 | | |
| Robert Charles Billings | 72 65 | 40 05 | - | 112 70 | | |
| Annie E. Blake Scholarship | 770 80 | 300 00 | 275 00 | 795 80 | | |
| Annie L. Cox Scholarship | 81 25 | 62 50 | 50 00 | 93 75 | | |
| Marguerite Guilfoyle | 1 147 94 | 22 61 | 100 00 | 1 070 55 | | |
| Rebecca R. Joslin | 925 65 | 331 16 | 50 00 | 1 228 81 | | |
| Albert H. Munsell | 379 53 | 222 50 ^a | 200 00 | 402 03 | | |
| State Teachers' Colleges: | | | | | | |
| Bridgewater: | | | | | | |
| Beulah R. Brown | 198 87 | 150 00 | - | 348 87 | | |
| Alice J. McAlister Student Aid | 210 00 | - | 90 00 | 120 00 | | |
| Elizabeth Case Stevens | 494 58 | 400 00 | 575 38 | 319 20 | | |
| Framingham: | | | | | | |
| Robert Charles Billings | 576 34 | 40 91 | - | 617 25 | | |
| Helen M. Joyce Student Aid | 2 985 25 | 69 76 | - | 3 055 01 | | |
| Marion Louise Miller | 317 16 | 6 00 | - | 323 16 | | |
| Students' Aid | 256 30 | 15 00 | - | 271 30 | | |
| Angeline May Weaver | 318 59 | 3 00 | 321 59 | - | | |
| Salem: | | | | | | |
| Susan Marvin Barker Scholarship | 80 76 | 118 76 | 50 00 | 149 52 | | |
| Walter Parker Beckwith Scholarship | 144 19 | 162 50 | 125 00 | 181 69 | | |
| Ella Franklin Carr Memorial | 1 032 82 | 30 00 | 25 00 | 1 037 82 | | |
| Louise O. Twombly Scholarship | 15 86 | 3 00 | - | 18 86 | | |

XXXI

No. 1)
FUNDS

| INCOME | | NON - EXPENDABLE PRINCIPAL | | | | | | |
|---------------|-------------|----------------------------|-----------|-----------|--------------|-----------------------|--------------|--|
| June 30, 1958 | | Balance
July 1,
1957 | Deposited | Withdrawn | Total | Balance June 30, 1958 | | |
| Cash | Securities | | | | | Cash | Securities | |
| \$ 2 76 | \$ - | \$ 200 00 | \$ - | \$ - | \$ 200 00 | \$ - | \$ 200 00 | |
| 34 43 | - | 2 500 00 | - | - | 2 500 00 | - | 2 500 00 | |
| 2 50 | - | 200 00 | - | - | 200 00 | - | 200 00 | |
| 8 00 | - | 400 00 | - | - | 400 00 | - | 400 00 | |
| 4 95 | - | 330 00 | - | - | 330 00 | - | 330 00 | |
| 2 76 | - | 200 00 | - | - | 200 00 | - | 200 00 | |
| 41 40 | - | 3 000 00 | - | - | 3 000 00 | - | 3 000 00 | |
| 2 76 | - | 200 00 | - | - | 200 00 | - | 200 00 | |
| 14 81 | - | 400 00 | - | - | 400 00 | - | 400 00 | |
| 351 00 | - | 25 000 00 | - | - | 25 000 00 | - | 25 000 00 | |
| 125 00 | - | 10 000 00 | - | - | 10 000 00 | - | 10 000 00 | |
| 27 60 | - | 2 000 00 | - | - | 2 000 00 | - | 2 000 00 | |
| 57 00 | - | 3 800 00 | - | - | 3 800 00 | - | 3 800 00 | |
| 5 18 | - | 375 00 | - | - | 375 00 | - | 375 00 | |
| 3 45 | - | 250 00 | - | - | 250 00 | - | 250 00 | |
| 16 88 | - | 1 000 00 | - | - | 1 000 00 | - | 1 000 00 | |
| 4 14 | - | 300 00 | 100 00 | - | 400 00 | 100 00 | 300 00 | |
| 2 76 | - | 200 00 | - | - | 200 00 | - | 200 00 | |
| 62 50 | - | 5 000 00 | - | - | 5 000 00 | - | 5 000 00 | |
| 2 56 | - | 200 00 | - | - | 200 00 | - | 200 00 | |
| 3 01 | - | 200 00 | - | - | 200 00 | - | 200 00 | |
| 3 45 | - | 250 00 | - | - | 250 00 | - | 250 00 | |
| 2 691 04 | 5 000 00 | 12 096 93 | - | - | 12 096 93 | 291 93 | 11 805 00 | |
| 13 80 | - | 1 000 00 | - | - | 1 000 00 | - | 1 000 00 | |
| 45 00 | - | 3 000 00 | - | - | 3 000 00 | - | 3 000 00 | |
| 15 00 | - | 1 000 00 | - | - | 1 000 00 | - | 1 000 00 | |
| 12 50 | - | 1 000 00 | - | - | 1 000 00 | - | 1 000 00 | |
| 2 50 | - | 200 00 | - | - | 200 00 | - | 200 00 | |
| 3 75 | - | 300 00 | - | - | 300 00 | - | 300 00 | |
| 4 38 | - | 300 00 | - | - | 300 00 | - | 300 00 | |
| 4 50 | - | 300 00 | - | - | 300 00 | - | 300 00 | |
| 2 76 | - | 200 00 | - | - | 200 00 | - | 200 00 | |
| - | - | 1 000 00 | - | - | 1 000 00 | - | 1 000 00 | |
| - | - | 2 000 00 | - | - | 2 000 00 | - | 2 000 00 | |
| 2 50 | - | 200 00 | - | - | 200 00 | - | 200 00 | |
| 2 76 | - | 200 00 | - | - | 200 00 | - | 200 00 | |
| \$ 3 579 39 | \$ 5 000 00 | \$ 78 801 93 | \$100 00 | \$ - | \$ 78 901 93 | \$ 391 93 | \$ 78 510 00 | |
| \$ 81 63 | \$ - | \$ 1 598 93 | \$ - | \$ - | \$ 1 598 93 | \$ 48 93 | \$ 1 550 00 | |
| 112 70 | - | 1 500 00 | - | - | 1 500 00 | - | 1 500 00 | |
| 795 80 | - | 10 000 00 | - | - | 10 000 00 | - | 10 000 00 | |
| 93 75 | - | 2 500 00 | - | - | 2 500 00 | - | 2 500 00 | |
| 70 55 | 1 000 00 | - | - | - | - | - | - | |
| 1 164 81 | 64 00 | 3 246 90 | 172 00 | 22 00 a | 3 396 90 | 207 30 | 3 189 60 | |
| 402 03 | - | 9 217 61 | - | - | 9 217 61 | 17 61 | 9 200 00 | |
| 348 87 | - | 5 000 00 | - | - | 5 000 00 | - | 5 000 00 | |
| 120 00 | - | - | - | - | - | - | - | |
| 319 20 | - | 15 000 00 | - | - | 15 000 00 | - | 15 000 00 | |
| 617 25 | - | 1 500 00 | - | - | 1 500 00 | - | 1 500 00 | |
| 255 01 | 2 800 00 | - | - | - | - | - | - | |
| 123 16 | 200 00 | - | - | - | - | - | - | |
| 271 30 | - | 500 00 | - | - | 500 00 | - | 500 00 | |
| - | - | - | - | - | - | - | - | |
| 149 52 | - | 4 053 54 | - | - | 4 053 54 | 3 54 | 4 050 00 | |
| 181 69 | - | 5 000 00 | - | - | 5 000 00 | - | 5 000 00 | |
| 37 82 | 1 000 00 | - | - | - | - | - | - | |
| 18 86 | - | 100 00 | - | - | 100 00 | - | 100 00 | |

| EXPENDABLE PRINCIPAL AND | | | | |
|---|-----------------|---------------|---------------|---------------|
| TRUST FUND ACCOUNT | Balance | | | Balance |
| | July 1,
1957 | Receipts | Payments | Total |
| Education: | | | | |
| State Teachers' Colleges: | | | | |
| Westfield: | | | | |
| Julia S. Noble Rockwood Scholarship | \$ 81 25 | \$ 68 70 | \$ - | \$ 149 95 |
| Worcester: | | | | |
| Ella M. Whitney Scholarship | 42 70 | 15 00 | 20 00 | 37 70 |
| Lowell Technological Institute: | | | | |
| Research Foundation | 17 944 73 | 192 841 35 | 183 063 68 | 27 722 40 |
| Division of the Blind: | | | | |
| Educational Purposes | 22 047 21 | 1 226 71 | 656 90 | 22 617 02 |
| Jean M. LeBrun | 2 264 99 | 55 20 | - | 2 320 19 |
| Michael F. McCarthy | 11 945 15 | 1 527 15 | - | 13 472 30 |
| Division of Library Extension: | | | | |
| Elizabeth P. Sohler | 4 460 14 | 120 76 | - | 4 580 90 |
| Other Educational: | | | | |
| Mary A. Case | 920 00 | 750 52 | 1 501 04 | 169 48 |
| Gustavus A. Hinkley Free Scholarship | 502 46 | 135 40 | 460 00 | 177 86 |
| Mass. School Fund | - | - | - | - |
| Millicent Library | 2 178 18 | 2 500 00 | 2 500 00 | 2 178 18 |
| School Lunch Distribution and Salvage | 52 994 97 | 128 979 30 | 138 826 80 | 43 147 47 |
| Elizabeth R. Stevens | 1 805 58 | 746 20 | 2 551 78 | - |
| Frank S. Stevens | - | 1 032 70 | 1 032 70 | - |
| Technical Education - Comm. Endowment | - | - | - | - |
| Surplus Property Board | - | 31 217 31 | 7 254 95 | 23 962 36 |
| Technical Education - U. S. Endowment | - | - | - | - |
| Todd Teachers' College | 6 678 35 | 472 98 | 169 98 | 6 981 35 |
| Division of Youth Service: | | | | |
| Industrial School for Girls: | | | | |
| Fay | 685 74 | 31 52 | - | 717 26 |
| Lamb | 1 531 96 | 40 00 | - | 1 571 96 |
| Rogers Book | 84 39 | 27 60 | - | 111 99 |
| School Lunch Program | 508 10 | 916 88 | 1 075 90 | 349 08 |
| Industrial School for Boys: | | | | |
| School Lunch Program | 3 798 29 | 4 598 22 | 3 674 95 | 4 721 56 |
| Lyman School for Boys: | | | | |
| Lamb | 1 567 56 | 46 50 | - | 1 614 06 |
| Lyman | 70 410 87 | 1 768 00 | 1 227 15 | 70 951 72 |
| Lyman Trust | 2 104 68 | 1 375 25 | 2 264 03 | 1 215 90 |
| School Lunch Program | 661 61 | 2 379 40 | 2 119 21 | 921 80 |
| Reception and Detention Facilities for Boys: | | | | |
| School Lunch Program | 4 064 83 | 4 858 08 | 3 258 52 | 5 664 39 |
| Reception and Detention Facilities for Girls: | | | | |
| School Lunch Program | - | 1 026 48 | 16 80 | 1 009 68 |
| Residential Treatment Center - Oakdale: | | | | |
| School Lunch Program | 1 704 31 | 3 435 33 | 4 321 93 | 817 71 |
| Institute of Juvenile Guidance: | | | | |
| School Lunch Program | 755 94 | 2 756 71 | 2 977 93 | 534 72 |
| Female Wards | 13 581 93 | 424 83 | 365 50 | 13 641 26 |
| Male Wards | 12 413 60 | 386 58 | 439 00 | 12 361 18 |
| Sub-total, Education Trust | \$ 247 790 93 | \$ 387 799 17 | \$ 361 640 72 | \$ 273 949 38 |
| Mental Health: | | | | |
| Boston State Hospital | \$ 1 456 00 | \$ 24 850 00 | \$ 24 337 00 | \$ 1 969 00 |
| Herman Dana Rehabilitation - Foxborough | 937 50 | - | 237 50 | 700 00 |
| Sarah A. Drew | 654 60 | 16 26 | - | 670 86 |
| George A. Ulett | 129 45 | - | - | 129 45 |
| Myles Standish State School Christmas Fund | - | 25 00 | - | 25 00 |
| The Commonwealth Fund | - | 7 120 00 | 4 580 00 | 2 540 00 |
| School Lunch Programs: | | | | |
| Belchertown State Hospital | 3 218 87 | 5 102 76 | 3 854 63 | 4 467 00 |
| Metropolitan State Hospital | 3 288 01 | 618 20 | 144 80 | 3 761 41 |
| Monson State Hospital | 2 135 26 | 4 427 23 | 3 749 21 | 2 813 28 |
| Myles Standish State School | 2 713 21 | 15 252 74 | 15 134 88 | 2 831 07 |
| Walter E. Fernald State School | 6 854 92 | 16 065 00 | 13 995 55 | 8 924 37 |
| Wrentham State School | 14 097 64 | 17 400 00 | 18 110 71 | 13 386 93 |
| Sub-total, Mental Health Trust | \$ 35 485 46 | \$ 90 877 19 | \$ 84 144 28 | \$ 42 218 37 |

FUNDS

| INCOME | | NON - EXPENDABLE PRINCIPAL | | | | | | |
|---------------|---------------|----------------------------|-----------|------------|--------------------------|--------------|----------------|--|
| June 30, 1958 | | Balance
July 1,
1957 | Deposited | Withdrawn | Balance
June 30, 1958 | | | |
| Cash | Securities | | | | Total | Cash | Securities | |
| \$ 149 95 | \$ - | \$ 5 000 00 | \$ - | \$ - | \$ 5 000 00 | \$ - | \$ 5 000 00 | |
| 37 70 | - | 500 00 | - | - | 500 00 | - | 500 00 | |
| 27 722 40 | - | - | - | - | - | - | - | |
| 2 617 02 | 20 000 00 | - | - | - | - | - | - | |
| 320 19 | 2 000 00 | - | - | - | - | - | - | |
| 3 272 30 | 10 200 00 | - | - | - | - | - | - | |
| 280 90 | 4 300 00 | - | - | - | - | - | - | |
| 169 48 | - | 30 000 00 | - | - | 30 000 00 | - | 30 000 00 | |
| 177 86 | - | 5 000 00 | - | - | 5 000 00 | - | 5 000 00 | |
| - | - | 5 000 000 00 | - | - | 5 000 000 00 | 43 930 00 | 4 956 070 00 | |
| 2 178 18 | - | 100 000 00 | - | - | 100 000 00 | - | 100 000 00 | |
| 18 147 47 | 25 000 00 | - | - | - | - | - | - | |
| - | - | 24 873 15 | - | - | 24 873 15 | - | 24 873 15 | |
| - | - | 25 000 00 | - | - | 25 000 00 | - | 25 000 00 | |
| - | - | 142 000 00 | - | - | 142 000 00 | - | 142 000 00 | |
| 23 962 36 | - | - | - | - | - | - | - | |
| - | - | 219 000 00 | - | - | 219 000 00 | - | 219 000 00 | |
| 981 35 | 6 000 00 | 12 100 00 | - | - | 12 100 00 | - | 12 100 00 | |
| 717 26 | - | 1 000 00 | - | - | 1 000 00 | - | 1 000 00 | |
| 571 96 | 1 000 00 | - | - | - | - | - | - | |
| 111 99 | - | 1 000 00 | - | - | 1 000 00 | - | 1 000 00 | |
| 349 08 | - | - | - | - | - | - | - | |
| 4 721 56 | - | - | - | - | - | - | - | |
| 514 06 | 1 100 00 | - | - | - | - | - | - | |
| 6 425 72 | 64 526 00 | - | - | - | - | - | - | |
| 1 215 90 | - | 20 000 00 | - | - | 20 000 00 | - | 20 000 00 | |
| 921 80 | - | - | - | - | - | - | - | |
| 5 664 39 | - | - | - | - | - | - | - | |
| 1 009 68 | - | - | - | - | - | - | - | |
| 817 71 | - | - | - | - | - | - | - | |
| 534 72 | - | - | - | - | - | - | - | |
| 642 26 | 12 999 00 | - | - | - | - | - | - | |
| 673 50 | 11 687 68 | - | - | - | - | - | - | |
| \$ 110 072 70 | \$ 163 876 68 | \$5 644 690 13 | \$172 00 | \$ 22 00 a | \$5 644 840 13 | \$ 44 207 38 | \$5 600 632 75 | |

165

AGENCY FUNDS

EDUCATIONAL TELEVISION PROGRAMS - CITIES AND TOWNS (Code 6981)
(G. L. (Ter. Ed.) c. 99, s. 13, as amended)

RECEIPTS

From cities and towns

\$ 42 244 25

PAYMENTS

Expenditures
Cash Balance, June 30, 1958

\$ 10 125 02

32 119 23

\$ 42 244 25

STATISTICS OF STATE TEACHERS COLLEGES AND THE MASSACHUSETTS SCHOOL OF ART

Teachers and students in teachers colleges and in model and practice schools for
the school year ending June 30, 1958

| Name of
Teachers
College | State Teachers Colleges | | | | | | | | | | Model and Practice
Schools | | | |
|--------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|-------------------------------|----------|
| | :Teachers
:Men:
:Women: | :Teachers
:Men:
:Women: | :Teachers
:Men:
:Women: | :Teachers
:Men:
:Women: | :Teachers
:Men:
:Women: | :Teachers
:Men:
:Women: | :Teachers
:Men:
:Women: | :Teachers
:Men:
:Women: | :Teachers
:Men:
:Women: | :Teachers
:Men:
:Women: | :Teachers
:Men:
:Women: | :Teachers
:Men:
:Women: | :Teachers
:Men:
:Women: | : Pupils |
| Boston | 46* | 30 | 557 | 343 | 1013 | 1356 | 379 | 245 | - | 117 | 1706 | 4 | 15 | 610 |
| Walden | 30* | 27 | 329 | 269 | 630 | 699 | 32 | 201 | - | 122 | 11505 | 1 | 13 | 346 |
| Pittsburg | 33* | 10 | 206 | 356 | 266 | 634 | 170 | 124 | - | 37 | 6767 | 6 | 17 | 665 |
| Framlington | 11* | 31 | 230 | - | 634 | 634 | 25 | 130 | - | - | 6613 | - | 15 | 580 |
| Lowell | 21* | 13 | 152 | 135 | 347 | 482 | - | 111 | - | - | 4003 | 4 | 14 | 404 |
| North Adams | 13* | 4 | 99 | 149 | 119 | 268 | - | 54 | - | 16 | 7741 | 3 | 0 | 275 |
| Salon | 32* | 21 | 283 | 363 | 487 | 850 | 132 | 145 | - | 19 | 9021 | 3 | 9 | 325 |
| Westfield | 19* | 11 | 164 | 161 | 261 | 442 | 76 | 77 | - | - | 5071 | 3 | 0 | 363 |
| Worcester | 24* | 15 | 236 | 257 | 338 | 595 | 476 | 130 | - | 100 | 5227 | 1 | 0 | 254 |
| Massachusetts
School of Art | 22* | 11 | 135 | 192 | 286 | 478 | - | 23 | 70 | - | 5337 | - | - | - |
| Totals | 253* | 173 | 2391 | 2227 | 4401 | 6620 | 1290 | 1340 | 78 | 411 | 61271 | 25 | 108 | 3822 |

*Includes Presidents
**Includes Nyanis

II. STATISTICS OF SUPERINTENDENCY UNIONS AND REGIONAL SCHOOL DISTRICTS,
YEAR ENDING JUNE 30, 1958

(Note - The number indicates the superintendency union in which the town is found in the table that follows)

Index of Towns

| | | | | | |
|----|-------------|----|-----------------|----|--------------|
| 26 | Amherst | 23 | Charlton | 25 | Goshen |
| - | Ashburnham | 16 | Chatham | 37 | Gosnold |
| 22 | Ashby | 32 | Cheshire | 8 | Grafton |
| 25 | Ashfield | 4 | Chester | 17 | Granby |
| - | Avon | 51 | Chesterfield | 39 | Granville |
| 42 | Ayer | 19 | Chilmark | 53 | Groveland |
| 2 | Barre | 43 | Clarksburg | 31 | Halifax |
| 4 | Becket | 9 | Colrain | - | Hamden |
| - | Belchertown | 38 | Conway | 32 | Hancock |
| 15 | Bellingham | 25 | Cumington | 13 | Hanover |
| 37 | Berkley | 38 | Deerfield | 13 | Hanson |
| 3 | Berlin | 11 | Dennis | 2 | Hardwick |
| 18 | Barnardston | 37 | Dighton | 47 | Harvard |
| 44 | Blackstone | 52 | Douglas | 16 | Harwich |
| 27 | Blandford | 50 | Dover | 21 | Hawley |
| 47 | Bolton | 40 | Dudley | 21 | Heath |
| 10 | Bourne | 46 | Dunstable | 30 | Hinsdale |
| 42 | Boxborough | 7 | East Brookfield | 24 | Holden |
| 20 | Boxford | 54 | Eastham | 23 | Holland |
| 49 | Boyleston | 19 | Edgartown | 2 | Hubbardston |
| 11 | Brewster | 28 | Erving | 27 | Huntington |
| 5 | Brimfield | 48 | Essex | 31 | Kingston |
| 7 | Brookfield | 43 | Florida | 34 | Lakeville |
| 9 | Buckland | 37 | Freetown | 32 | Lanesborough |
| 47 | Carlisle | 19 | Gay Head | 29 | Lee |
| 34 | Carver | 20 | Georgetown | 28 | Leverett |
| 21 | Charlton | 18 | Gill | 18 | Leyden |

| | | | | | |
|----|------------------|----|--------------|----|------------------|
| 48 | Manchester | 25 | Plainfield | 19 | Tisbury |
| 10 | Mappee | - | Plainville | 39 | Tolland |
| 15 | Mendon | 31 | Plympton | 33 | Topsfield |
| 53 | Merrimac | 6 | Princeton | 22 | Townsend |
| 4 | Middlefield | 14 | Provincetown | 14 | Truro |
| - | Middleton | 45 | Raynham | 46 | Tyngsborough |
| 35 | Millie | 36 | Richmond | 29 | Tyringham |
| 44 | Millville | 34 | Rochester | 8 | Upton |
| 43 | Monroe | 21 | Rowe | 5 | Wales |
| 5 | Monsen | 20 | Rowley | 12 | Warren |
| 27 | Montgomery | 1 | Royalston | 18 | Warwick |
| 32 | New Ashford | 27 | Russell | 30 | Washington |
| 12 | New Braintree | 24 | Rutland | 40 | Webster |
| 41 | Newbury | 41 | Salisbury | 54 | Wellsfleet |
| 28 | New Salem | 39 | Sandisfield | 28 | Wendell |
| 35 | Norfolk | 10 | Sandwich | 33 | Wenham |
| 3 | Northborough | 43 | Savoy | 49 | West Boylston |
| 7 | North Brookfield | 9 | Shelburne | 45 | West Bridgewater |
| 18 | Northfield | 50 | Sherborn | 12 | West Brookfield |
| 13 | Norwell | 42 | Shirley | 51 | Westhampton |
| 19 | Oak Bluffs | 28 | Shutesbury | - | Westminster |
| 24 | Oakham | 51 | Southampton | 53 | West Newbury |
| 54 | Orleans | 3 | Southborough | 36 | West Stockbridge |
| 29 | Otis | 17 | South Hadley | 19 | West Tisbury |
| 24 | Paxton | 39 | Southwick | 38 | Whately |
| 26 | Pelham | 6 | Sterling | 51 | Williamsburg |
| 31 | Pembroke | 47 | Stow | 30 | Windsor |
| 46 | Pepperell | 23 | Sturbridge | 51 | Worthington |
| 30 | Peru | 38 | Sunderland | 11 | Yarmouth |
| 2 | Peterham | 52 | Sutton | | |
| 1 | Phillipston | 1 | Templeton | | |

NATIONAL SCHOOL DISTRICTS

ACTON - BORDENBROUGH

Acton
Bordenbrough

ANDOVER - PELHAM

Andover
Leverett
Pelham
Shutesbury

DENNIS - YARMOUTH

Dennis
Yarmouth

FRONTIER

Conway
Deerfield
Sunderland
Whately

HARTMONT

Charlemont
Hawley

KING PHILIP

Norfolk
Plainville
Wrentham

LINCOLN - SUDBURY

Lincoln
Sudbury

RALPH C. MAHAR

Erving
Orange
Petersham

MARRIAGEWORTH

Phillipston
Templeton

PIONEER VALLEY

Barnardston
Northfield
Warwick

SILVER LAKE

Halifax
Kingston
Pembroke
Plympton

SOUTHERN VERMONT

Alford
Egremont
Monterey
New Marlborough
Shafield

TANTASQUOG

Brimfield
Brookfield
Holland
Starbridge
Wales

WACHUSSETT

Holden
Paxton
Princeton
Rutland
Sterling

II. STATISTICS OF SUPERINTENDENCY UNIONS AND REGIONAL SCHOOL DISTRICTS
YEAR ENDING JUNE 30, 1958

| | Union and/or Region | Date of entering union and/or region | State valuation Chapter 559, July 9, 1945 | Number of principals and full time teachers Jan. 1, 1958 | Number of school buildings Jan. 1, 1958 | Each town's share of superintendents | | State aid for 1957-1958 on account of employment of school superintendent |
|--|--|--------------------------------------|--|--|---|--|------------------------------------|---|
| | | | | | | Full Salary | Traveling Expense | |
| 1. | Phillipston
Royalston
Templeton | 1889
1889
1889 | \$ 415,965
843,047
3,546,386 | 4
5
27 | 1
3
5 | \$1,183.05
689.98
7,252.65 | \$ 78.38
76.50
521.35 | \$ 480.45 1/
291.94
2,960.94 1/ |
| 2. | Barre
Hardwick
Hubbardston
Petersham 2/ | 1890
1890
1889
1890 | 3,478,189
1,897,123
896,634
1,594,532 | 38
18
8
5 | 4
4
1
1 | 3,957.59
2,095.92
801.48
1,000.91 | 423.18
213.52
74.11
86.64 | 1,890.00
996.37
377.76
469.20 |
| 3. | Berlin
Northborough
Southborough | 1890
1890
1890 | 1,369,021
2,429,536
3,813,012 | 8
44
30 | 1
4
4 | 1,640.00
3,690.00
2,870.00 | 200.00
450.00
350.00 | 746.67
1,680.00
1,306.66 |
| 1/ Superintendent in dual capacity - includes reimbursement for union and region. See Narragansett Regional School District. | | | | | | | | |
| 2/ See also Ralph C. Mahar Regional School District. | | | | | | | | |

1875 1876 1877

1878 1879 1880

1881 1882 1883

1884 1885 1886

1887 1888 1889

1890 1891 1892

1893 1894 1895

1896 1897 1898

1899 1900 1901

1902 1903 1904

1905 1906 1907

1908 1909 1910

1911 1912 1913

1914 1915 1916

1917 1918 1919

1920 1921 1922

1923 1924 1925

1926 1927 1928

| | | | | | | | | |
|-----|---------------|------|------------|----|---|------------|----------|------------|
| 4. | Becket | 1890 | 987,076 | 5 | 1 | \$2,060.00 | \$331.85 | \$1,108.81 |
| | Chester | 1890 | 1,471,145 | 15 | 2 | 3,776.56 | 688.94 | 2,070.12 |
| | Middlefield | 1890 | 367,936 | 3 | 1 | 1,030.00 | 165.92 | 554.40 |
| 5. | Brimfield 1/ | 1890 | 1,178,567 | 7 | 1 | 1,875.00 | 200.00 | 933.33 |
| | Monson | 1890 | 3,882,339 | 34 | 4 | 4,500.00 | 480.00 | 2,240.00 |
| | Wales 1/ | 1893 | 419,594 | 3 | 1 | 1,125.00 | 120.00 | 560.00 |
| 6. | Princeton 2/ | 1890 | 1,386,550 | 10 | 1 | 2,483.33 | 320.00 | 1,244.44 |
| | Sterling 2/ | 1890 | 2,439,789 | 22 | 2 | 4,966.67 | 640.00 | 2,488.89 |
| 7. | Brookfield 1/ | 1891 | 1,538,216 | 9 | 1 | 1,807.38 | 218.43 | 927.41 |
| | E. Brookfield | 1921 | 1,178,567 | 9 | 2 | 1,590.47 | 191.00 | 815.55 |
| | N. Brookfield | 1891 | 2,936,362 | 24 | 2 | 3,888.37 | 459.32 | 1,990.37 |
| 8. | Grafton | 1891 | 4,991,579 | 75 | 7 | 6,375.00 | 500.00 | - |
| | Upton | 1891 | 1,666,378 | 12 | 2 | 2,125.00 | 300.00 | 973.48 |
| 9. | Buckland | 1892 | 3,196,995 | 10 | 1 | 2,583.26 | 217.47 | 1,243.69 |
| | Colrain | 1892 | 1,754,249 | 9 | 1 | 2,583.26 | 214.47 | 1,242.36 |
| | Shelburne | 1892 | 3,716,047 | 24 | 5 | 2,583.48 | 225.32 | 1,247.28 |
| 10. | Bourne | 1892 | 10,944,806 | 78 | 5 | 6,599.82 | 946.60 | - |
| | Mashpee | 1892 | 1,044,419 | 4 | 1 | 412.36 | 57.42 | 186.07 |
| | Sandwich | 1892 | 3,189,064 | 16 | 1 | 1,237.60 | 171.88 | 558.27 |

1/ See also Tantasqua Regional School District.

2/ See also Massachusetts Regional School District.

10 15 20 25 30 35 40

45 50 55 60 65 70 75

80 85 90 95 100 105 110

115 120 125 130 135 140 145

150 155 160 165 170 175 180

185 190 195 200 205 210 215

220 225 230 235 240 245 250

255 260 265 270 275 280 285

290 295 300 305 310 315 320

| | | | | | | | | | |
|-----|-----------------|------|--------------|-----|---|-----------|----------|-----------|-----------|
| 11. | Brewster | 1903 | \$ 2,357,135 | 8 | 1 | \$ 949.98 | \$ 75.00 | \$ 375.16 | <u>1/</u> |
| | Dennis | 1892 | 4,922,252 | 19 | 1 | 3,166.62 | 230.00 | - | <u>1/</u> |
| | Yarmouth | 1892 | 7,163,768 | 31 | 2 | 5,383.40 | 395.00 | - | |
| 12. | New Braintree | 1898 | 693,275 | 2 | 1 | 975.00 | 78.00 | 485.33 | |
| | Warren | 1893 | 3,327,719 | 24 | 2 | 4,725.00 | 378.00 | 2,352.00 | |
| | West Brookfield | 1898 | 1,602,158 | 14 | 1 | 1,800.00 | 144.00 | 896.00 | |
| 13. | Hanover | 1894 | 5,358,206 | 47 | 4 | 2,791.67 | 209.07 | - | |
| | Hanson | 1894 | 3,050,409 | 26 | 3 | 2,791.67 | 229.25 | 1,235.07 | |
| | Norwell | 1894 | 2,639,902 | 48 | 3 | 2,791.66 | 318.21 | 1,271.44 | |
| 14. | Provincetown | 1894 | 7,343,047 | 32 | 2 | 5,731.25 | 393.55 | - | |
| | Truro | 1902 | 1,802,515 | 5 | 1 | 1,908.28 | 296.36 | 988.14 | |
| 15. | Bellingham | 1894 | 3,050,409 | 40 | 4 | 4,560.00 | 300.00 | 2,200.00 | |
| | Mendon | 1894 | 1,632,181 | 11 | 1 | 3,040.00 | 200.00 | 1,466.67 | |
| 16. | Chatham | 1903 | 7,944,594 | 29 | 2 | 3,900.00 | 500.00 | - | |
| | Harwich | 1894 | 8,612,513 | 38 | 3 | 3,900.00 | 500.00 | - | |
| 17. | Granby | 1895 | 1,109,240 | 25 | 1 | 1,731.80 | 208.02 | 776.39 | |
| | South Hadley | 1895 | 10,540,021 | 101 | 7 | 6,926.70 | 288.00 | - | |

1/ Superintendent in dual capacity - includes reimbursement for union and region - See Dennis-Yarmouth Regional School District.

| | | | | | | | | |
|-----|--------------|------|-------------|----|---|------------|----------|------------|
| 18. | Barnardston | 1917 | \$1,103,808 | 7 | 1 | \$2,127.61 | \$213.44 | ✓ 919.99 |
| | Gill | 1895 | 1,086,099 | 8 | 2 | 1,700.00 | 180.00 | 738.81 |
| | Leyden | 1901 | 342,936 | 2 | 1 | 680.00 | 180.00 | 337.96 |
| | Northfield | 1895 | 2,119,591 | 13 | 2 | 3,084.50 | 234.29 | 1,304.23 |
| | Warwick | 1895 | 421,523 | 3 | 1 | 907.89 | 192.27 | ✓ 432.34 |
| 19. | Chilmark | 1897 | 843,047 | 2 | 1 | 480.00 | 41.63 | 216.69 |
| | Edgartown | 1895 | 5,376,180 | 14 | 1 | 2,000.00 | 254.66 | - |
| | Gay Head | 1902 | 210,762 | 1 | 1 | 160.00 | 12.92 | 71.83 |
| | Oak Bluffs | 1895 | 5,270,307 | 16 | 2 | 2,000.00 | 274.44 | - |
| | Tisbury | 1895 | 6,325,956 | 29 | 1 | 2,720.00 | 347.09 | - |
| | West Tisbury | 1895 | 831,930 | 2 | 1 | 640.00 | 56.50 | 289.33 |
| 20. | Roxford | 1930 | 1,317,222 | 8 | 3 | 1,920.00 | 240.00 | 896.00 |
| | Georgetown | 1895 | 2,149,152 | 31 | 4 | 3,600.00 | 450.00 | 1,680.00 |
| | Rowley | 1895 | 1,802,515 | 15 | 3 | 2,480.00 | 310.00 | 1,157.33 |
| 21. | Charlton | 1897 | 1,006,563 | 4 | 1 | 3,534.85 | 330.00 | ✓ 1,976.53 |
| | Hawley | 1897 | 274,349 | - | - | 1,155.19 | 90.00 | 636.81 |
| | Heath | 1902 | 471,523 | 3 | 1 | 1,340.04 | 120.00 | 746.68 |
| | Rowe | 1897 | 762,602 | 1 | 1 | 669.96 | 60.00 | 373.31 |

1/ Superintendent in dual capacity - includes reimbursement for union and region - See Pioneer Valley Regional School District.
 2/ Superintendent in dual capacity - includes reimbursement for union and region - See Hawlemont Regional School District.

THE NEW YORK PUBLIC LIBRARY
ASTOR LENOX TILDEN FOUNDATION
1895

1895

1895

1895

1895

1895

1895

1895

| | | | | | | | | |
|-----|---|------------------------------|--|---------------------|------------------|--|--------------------------------------|--|
| 22. | Ashby
Townsend | 1897
1897 | \$ 1,386,550
2,703,772 | 20
40 | 2
1 | \$1,722.19
3,444.50 | \$236.04
472.26 | \$1,244.38
2,488.95 |
| 23. | Charlton
Holland ^{1/}
Sturbridge ^{1/} | 1902
1902
1898 | 2,297,156
277,310
2,593,217 | 30
3
14 | 2
1
3 | 4,666.67
933.33
3,733.34 | 270.83
54.17
216.66 | 1,847.22
369.44
1,477.78 |
| 24. | Holden
Oakham
Paxton
Rutland | 1900
1900
1900
1900 | 4,382,143
525,110
1,285,983
1,663,860 | 66
3
15
17 | 4
1
1
2 | 6,262.42
322.00
985.49
1,555.71 | 136.00
8.46
21.20
34.60 | 2,271.13 ^{2/}
117.30 ^{2/}
357.33 ^{2/}
564.48 ^{2/} |
| 25. | Ashfield
Cumington
Coshen
Plainfield | 1900
1900
1900
1900 | 1,525,205
623,947
446,523
367,936 | 12
5
3
2 | 1
1
1
1 | 2,850.00
1,550.00
1,550.00
1,550.00 | 280.00
140.00
140.00
140.00 | 1,425.04
769.43
769.43
769.43 |
| 26. | Amherst
Pelham | 1901
1901 | 11,633,775
740,046 | 37
5 | 8
2 | 6,530.17
879.74 | 737.02
82.16 | - ^{2/}
330.44 ^{2/} |
| 27. | Blandford
Huntington
Montgomery
Russell | 1901
1901
1901
1901 | 950,221
1,180,256
317,936
4,474,928 | 5
14
-
9 | 1
2
-
1 | 1,600.00
3,200.00
400.00
2,800.00 | 213.75
460.54
53.46
374.09 | 743.95
1,501.45
186.00
1,301.93 |

1/ See also Tantaqua Regional School District.

2/ Superintendent in dual capacity - includes reimbursement for union and region - See Wachusett Regional School District.

3/ Superintendent in dual capacity - includes reimbursement for union and region - See Amherst-Pelham Regional School District.

THE UNIVERSITY OF CHICAGO

LIBRARY

1911

1911

1911

1911

1911

1911

| | | | | | | | | |
|-----|---------------|------|-------------|----|---|------------|----------|------------|
| 28. | Erving 1/ | 1901 | \$2,512,889 | 3 | 2 | \$1,920.00 | \$240.00 | \$1,120.00 |
| | Leverett 2/ | 1901 | 541,100 | 6 | 1 | 1,280.00 | 160.00 | 746.67 |
| | New Salem 2/ | 1902 | 367,936 | 6 | 3 | 1,920.00 | 240.00 | 1,120.00 |
| | Shutesbury 2/ | 1901 | 421,523 | 2 | 1 | 640.00 | 80.00 | 373.33 |
| | Wendell | 1901 | 353,673 | 2 | 1 | 640.00 | 80.00 | 373.33 |
| 29. | Lee | 1901 | 5,734,825 | 39 | 4 | 5,115.10 | 200.00 | - |
| | Otis | 1901 | 765,104 | 4 | 1 | 1,794.00 | 200.00 | 889.71 |
| | Tyringham | 1901 | 531,662 | 1 | 1 | 858.00 | 200.00 | 472.07 |
| 30. | Hinsdale | 1901 | 1,047,374 | 10 | 1 | 3,178.46 | 411.15 | 1,542.41 |
| | Peru | 1901 | 317,936 | 1 | 1 | 1,162.50 | 137.25 | 558.49 |
| | Washington | 1912 | 235,762 | 2 | 1 | 1,444.69 | 150.42 | 685.40 |
| | Windsor | 1901 | 528,698 | 3 | 1 | 1,937.52 | 266.45 | 947.03 |
| 31. | Halifax | 1901 | 1,663,860 | 6 | 1 | 1,417.00 | 140.00 | 587.15 |
| | Kingston | 1901 | 5,121,176 | 18 | 3 | 3,150.00 | 315.00 | - |
| | Pembroke | 1901 | 3,466,374 | 23 | 1 | 3,600.00 | 360.00 | 1,493.33 |
| | Plympton | 1901 | 893,047 | 6 | 1 | 833.00 | 85.00 | 346.13 |
| 32. | Cheshire | 1912 | 1,418,354 | 12 | 1 | 3,400.00 | 340.00 | 1,493.33 |
| | Hancock | 1902 | 538,698 | 3 | 2 | 1,360.00 | 136.00 | 597.33 |
| | Lanesborough | 1902 | 1,607,506 | 14 | 1 | 3,400.00 | 340.00 | 1,493.33 |
| | New Ashford | 1902 | 138,655 | 1 | 1 | 340.00 | 34.00 | 149.34 |

1/ See also Ralph C. Mahar Regional School District

2/ See also Amherst-Pelham Regional School District

3/ Superintendent in dual capacity - includes reimbursement for union and region - See Silver Lake Regional School District.

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| | | | | | | | |
|------------------|------|-----------|----|---|-----------|--------|----------|
| Topefield | 1912 | 3,189,064 | 31 | 1 | 24,000.00 | 300.00 | 1,866.67 |
| Wenham | 1902 | 4,475,995 | 22 | 2 | 4,000.00 | 300.00 | 1,866.66 |
| Carver | 1902 | 3,119,737 | 12 | 1 | 2,360.00 | 233.33 | 1,130.16 |
| Lakerville | 1902 | 1,793,268 | 18 | 3 | 3,508.76 | 233.33 | 1,630.79 |
| Rochester | 1902 | 1,686,093 | 11 | 1 | 1,997.92 | 233.34 | 972.38 |
| Willis | 1902 | 3,466,374 | 37 | 2 | 3,900.00 | 300.00 | 1,866.67 |
| Norfolk 1/ | 1902 | 1,687,042 | 13 | 1 | 3,900.00 | 300.00 | 1,866.66 |
| Richmond | 1902 | 843,047 | 4 | 1 | 3,285.00 | 350.00 | 1,696.33 |
| West Stockbridge | 1902 | 1,579,183 | 8 | 1 | 4,015.00 | 350.00 | 2,037.00 |
| Berkley | 1902 | 1,062,998 | 8 | 1 | 747.57 | 73.46 | 373.35 |
| Dighton | 1902 | 3,813,012 | 33 | 2 | 4,858.80 | 477.49 | 2,426.62 |
| Freetown | 1924 | 1,733,187 | 17 | 1 | 1,495.05 | 146.92 | 746.67 |
| Gosnold | 1936 | 1,371,744 | 1 | 1 | 373.80 | 36.73 | 186.69 |
| Conway 2/ | 1903 | 1,060,526 | 4 | 1 | 1,430.00 | 120.02 | 746.68 |
| Deerfield 2/ | 1903 | 4,644,942 | 16 | 2 | 2,860.00 | 239.96 | - |
| Sunderland 2/ | 1903 | 1,571,744 | 7 | 1 | 1,430.00 | 120.02 | 746.67 |
| Whately 2/ | 1903 | 1,455,877 | 6 | 2 | 1,430.00 | 120.02 | 746.67 |

1/ See also King Philip Regional School District.
2/ See also Frontier Regional School District.

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| | | | | | | | | |
|-----|------------------|------|-------------|----|---|------------|----------|----------|
| 39. | Granville | 1903 | \$2,224,766 | 6 | 2 | \$1,770.48 | \$220.08 | 744.01 |
| | Sandisfield | 1903 | 762,602 | 3 | 1 | 1,350.00 | 210.00 | 566.02 |
| | Southwick | 1903 | 2,565,117 | 38 | 2 | 4,869.00 | 769.92 | 2,045.98 |
| | Tolland | 1903 | 475,110 | 1 | 1 | 900.00 | 139.92 | 377.32 |
| 40. | Dudley | 1903 | 4,093,701 | 26 | 2 | 3,316.67 | 120.38 | 1,209.40 |
| | Webster | 1903 | 12,576,693 | 53 | 4 | 6,633.33 | 539.56 | - |
| 41. | Newbury | 1905 | 2,565,117 | 17 | 3 | 3,593.76 | 275.00 | 1,850.00 |
| | Salisbury | 1905 | 3,395,562 | 22 | 3 | 3,593.76 | 275.00 | 1,850.00 |
| 42. | Ayer | 1909 | 4,243,255 | 59 | 4 | 4,680.00 | 556.73 | 2,240.00 |
| | Boxborough | 1921 | 415,965 | 4 | 1 | 780.00 | 92.79 | 373.33 |
| | Shirley | 1909 | 2,556,218 | 11 | 2 | 2,340.00 | 278.36 | 1,120.00 |
| 43. | Clarksburg | 1912 | 996,753 | 9 | 2 | 2,430.04 | 269.96 | 1,317.65 |
| | Florida | 1912 | 1,582,506 | 5 | 2 | 2,065.00 | 230.00 | 1,120.00 |
| | Monroe | 1912 | 1,109,240 | 2 | 1 | 1,121.16 | 125.34 | 608.31 |
| | Savoy | 1912 | 260,762 | 3 | 3 | 1,267.20 | 141.30 | 687.37 |
| 44. | Blackstone | 1913 | 2,773,000 | 21 | 4 | 4,080.00 | 314.85 | 2,204.97 |
| | Millville | 1917 | 1,056,221 | 8 | 2 | 2,720.00 | 160.08 | 1,444.98 |
| 45. | Raynham | 1920 | 2,149,152 | 20 | 4 | 2,700.00 | 200.00 | 1,244.44 |
| | West Bridgewater | 1920 | 4,004,472 | 51 | 3 | 5,400.00 | 400.00 | 2,488.89 |

1/ See also Acton-Boxborough Regional School District.

民國十一年五月廿九日

五月廿九日

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|-----|---|--------------------------------------|---|-------------------------|-----------------------|--|---|--|
| 46. | Dunstable
Pepporell
Tyngsborough | 1911
1909
1924 | \$ 485,292
3,327,719
1,582,506 | 4
31
21 | 1
3
2 | \$1,110.00
4,440.00
1,850.00 | \$150.00
600.00
250.00 | \$ 560.00
2,240.00
933.33 |
| 47. | Bolton
Carlisle
Harvard
Stow | 1926
1926
1926
1926 | 1,247,895
1,268,157
2,639,902
1,525,205 | 8
9
19
22 | 2
3
3
3 | 1,200.00
1,200.00
2,400.00
3,200.00 | 150.00
150.00
300.00
400.00 | 560.00
560.00
1,120.00
1,493.33 |
| 48. | Essex
Manchester | 1929
1929 | 1,802,515
10,560,807 | 12
38 | 1
2 | 5,280.00
3,520.00 | 441.40
232.11 | 1,478.64
- |
| 49. | Boylston
West Boylston | 1921
1921 | 1,078,808
3,050,409 | 13
65 | 1
4 | 2,537.53
7,612.59 | 265.00
775.00 | 933.33
2,800.00 |
| 50. | Dover
Sherborn | 1950
1950 | 6,325,116
3,466,374 | 19
18 | 2
2 | 4,500.00
3,000.00 | 229.40
210.45 | -
1,466.39 |
| 51. | Chesterfield
Southampton
Westhampton
Williamsburg
Worthington | 1902
1953
1953
1902
1902 | 683,203
1,274,519
415,965
1,605,991
843,047 | 4
14
3
24
4 | 1
2
1
3
1 | 850.00
1,700.00
850.00
2,550.00
850.00 | 75.00
150.00
75.00
225.00
75.00 | 466.67
933.33
466.67
1,400.00
466.66 |
| 52. | Douglas
Sutton | 1953
1953 | 2,506,496
2,315,889 | 20
35 | 3
4 | 3,787.54
3,781.29 | 624.45
553.04 | 1,883.24
1,850.09 |
| 53. | Groveland
Harriman
West Newbury | 1955
1955
1955 | 1,714,765
2,173,238
1,582,506 | 17
26
10 | 1
2
1 | 2,977.73
2,916.85
2,938.64 | 200.00
200.00
200.00 | 1,257.63
1,233.54
1,242.16 |

| | | | | | | |
|----------------|------|----|---|------------|----------|----------|
| 54. 1/ Eastham | 1894 | 6 | 1 | \$1,200.00 | \$433.33 | \$655.67 |
| Orleans | 1894 | 26 | 2 | 4,800.00 | 433.34 | - |
| Wellsfleet | 1894 | 12 | 1 | 2,000.00 | 433.33 | 976.82 |

1/ This union formed 7/1/57.

REGIONAL SCHOOL DISTRICTS

| | | | | | | |
|--|------|----|---|---|----------------------------------|---------------------------------|
| Acton - Boxborough
Acton
Boxborough | 1957 | 32 | 1 | \$3,340.20
459.80 | \$219.75
30.25 | -
\$326.70 |
| Athol - Pelham
Athol | 1956 | 51 | 2 | Superintendent in dual capacity -
See Union #26.
438.15 36.00 162.88
Superintendent in dual capacity -
See Union #26.
151.94 12.48 56.48 | | |
| Leverett
Pelham | | | | Superintendent in dual capacity -
See Union #26.
151.94 12.48 56.48 | | |
| Shutesbury | | | | Superintendent in dual capacity -
See Union #26.
151.94 12.48 56.48 | | |
| Dennis - Yarmouth
Dennis
Yarmouth | 1957 | 21 | 1 | Superintendent in dual capacity -
See Union #11. | | |
| Frontier
Conway
Deerfield
Sunderland
Whately | 1956 | 26 | 1 | 665.00
3,724.00
1,309.00
1,302.00 | 16.60
92.93
32.67
32.49 | 327.73
-
645.11
641.66 |

TOWNS OF LESS THAN \$2,500,000 VALUATION, NOT IN UNIONS (CHAP. 7L, S. 59A)

| | | | | | | | |
|-------------|------|-------------|----|---|------------|---|------------|
| Ashburnham | 1952 | \$1,983,466 | 18 | 3 | \$6,500.00 | - | \$3,333.33 |
| Avon | 1955 | 2,118,339 | 30 | 2 | 6,250.00 | - | 3,333.33 |
| Belchertown | 1951 | 1,955,792 | 31 | 4 | 6,500.00 | - | 3,333.33 |
| Hampden | 1953 | 1,057,396 | 16 | 2 | 6,600.00 | - | 3,333.33 |
| Middleton | 1956 | 2,433,023 | 20 | 1 | 7,000.00 | - | 3,333.33 |
| Plainville | 1956 | 1,941,170 | 15 | 1 | 5,965.41 | - | 3,333.33 |
| Westminster | 1953 | 2,111,304 | 29 | 3 | 7,916.68 | - | 3,333.33 |

| | | | | | | | |
|--------|---|---|---|---|--------------|-------------|--------------|
| TOTALS | - | - | - | - | \$529,756.13 | \$45,354.57 | \$196,061.55 |
|--------|---|---|---|---|--------------|-------------|--------------|

III. COUNTY TRAINING SCHOOLS

The following table gives a list of the county training schools in the State for the commitment of habitual truants, absentees, and school offenders:

| <u>County Training Schools</u> | <u>Location</u> | <u>Superintendent</u> |
|--------------------------------|-----------------|-----------------------|
| Essex | Lawrence | George Baker |
| Hampden | Agawan | Thomas F. Reidy |
| Middlesex (1) | No.Chelmsford | J. Earl Wotton |

The counties of Barnstable, Berkshire, Bristol, Dukes, Franklin, Hampshire, Nantucket, Norfolk, and Plymouth are exempted by law from maintaining training schools of their own, but the county commissioners of each of these counties are required to assign an established training school as a place of commitment for habitual truants, absentees, and school offenders. The places designated by several commissioners are as follows: Berkshire, Franklin, and Hampshire Counties, Agawan; Barnstable, Dukes, Bristol, Nantucket, Norfolk, and Plymouth Counties, North Chelmsford.

(1) Under the law, commitments from Boston, Chelsea, Revere, and Winthrop in Suffolk County must be to the training school for the county of Middlesex.

III. COUNTY TRAINING SCHOOLS (con.)

Number of Pupils Attending, Admitted, and Discharged; also Teachers Employed

| COUNTY TRAINING SCHOOLS | Enrolled
July 1, 1957 | June 30, 1958 | Admitted
during
the year | Discharged
during
the year | Average
attend-
ance | Teachers
Employed |
|-------------------------|--------------------------|---------------|--------------------------------|----------------------------------|----------------------------|----------------------|
| Essex..... | 68 | 59 | 29 | 38 | 70 | 6 |
| Hampden..... | 32 | 26 | 33 | 36 | 31 | 2 |
| Middlesex..... | 123 | - | 72 | 52 | 109 | 4 |
| TOTALS..... | 223 | 85 | 134 | 126 | 210 | 12 |

IV. STATISTICS OF SCHOOLS IN STATE INSTITUTIONS—FOR THE YEAR ENDING JUNE 30, 1958

(Under Youth Service Board)

Number of Pupils

| STATE INSTITUTIONS | Enrolled
July 1, 1957 | June 30, 1958 | Admitted
during
the year | Discharged
during
the year | Average
attend-
ance | Number of
Teachers |
|--|--------------------------|---------------|--------------------------------|----------------------------------|----------------------------|-----------------------|
| State Industrial School
for Girls, Lancaster..... | 81 | 115 | 225 | 191 | 103.7 | 9 |
| State Industrial School
for Boys, Shirley..... | 238 | 239 | 843 | 842 | 235.8 | 9 |
| Lyman School for Boys,
Westborough..... | 267 | 304 | 2103 | 2066 | 276.9 | 15 |
| Institute for Juvenile
Guidance, Bridgewater.... | 86 | 81 | 228 | 233 | 84.3 | 5 |
| Residential Treatment Unit
West Boylston..... | 68 | 68 | 197 | 197 | 68.5 | 2 |
| Detention Center for Boys,
Roslindale..... | 37 | 23 | 1604 | 1618 | 35.2 | 3 |
| Reception Center for Boys,
Roslindale..... | 66 | 101 | 986 | 951 | 87.0 | 2 |
| Reception-Detention Center
for Girls, Boston..... | 0 | 17 | 479 | 462 | 15.0 | 1 |
| | 22 | 18 | 292 | 296 | 19.6 | 1 |
| TOTALS..... | 865 | 966 | 6957 | 6856 | | 47 |

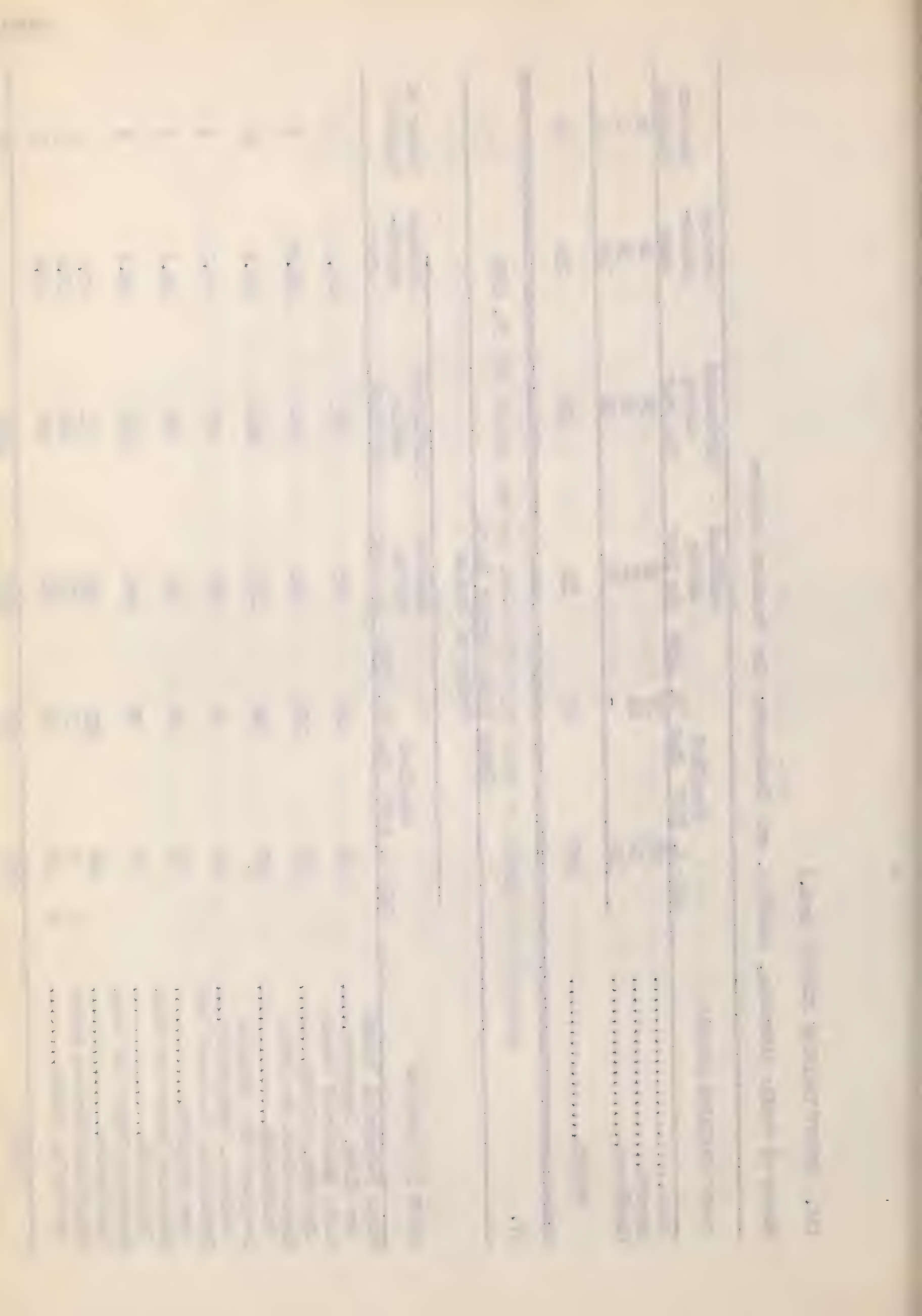


TABLE NO. 1 - Roster of State-aided Vocational
and Part-time Schools

School Year Ending August 31, 1958

Four hundred thirteen (all) schools in operation during the year (or now) in one hundred sixty-three cities and towns listed chronologically by types of schools, with date of establishment and names of Directors.

Group I la. Fifty-six Industrial Schools (boys)

Northampton Vocational, Oct., 1908; Lauri S. Ronka
 New Bedford Vocational High, Nov., 1908; William R. Mackintosh
 Newton Technical High, Feb., 1909; Warren M. Switzer
 Worcester Boys' Trade High, Feb., 1910; Walter B. Dennen
 Somerville Vocational High, Sept., 1910; Walter E. Struble
 Lowell Vocational, Sept., 1911; Charles P. Conlon
 Springfield Trade High, Sept., 1911; Edmond P. Garvey
 Westfield Trade High, Sept., 1911; Michael Gonzalez
 Boston Trade High, Feb., 1912; Edward Terrenzi
 Quincy Trade, Sept., 1912; Maurice J. Daly
 Holyoke Trade High, Sept., 1914; William J. Dean
 Fall River (Diman Vocational High), May, 1916; John P. Harrington
 Lynn Independent Industrial Shoemaking, Aug., 1918; Stephen R. Callahan
 Chicopee Vocational High, Sept., 1921; Henry J. Rege
 Weymouth Vocational, Feb., 1924; Ray G. Parker
 Beverly Trade, Nov., 1926; Claude H. Patten
 Haverhill Trade, Nov., 1926; Thomas F. Garvey
 Everett Vocational High, Sept., 1927; John W. Bates
 Waltham Vocational High, Sept., 1928; James R. Westall
 Medford (Melvin V. Weldon Vocational High), Nov., 1930; Walter D. Reid
 Southbridge (Cole Trade High), Mar., 1932; Raymond L. W. Benoit
 Brockton Trade High, Mar., 1934; Kenrick M. Baker
 Northbridge Vocational, Mar., 1934; James S. Mullaney
 Pittsfield Vocational, Apr., 1934; John F. Moran
 Taunton Vocational, Sept., 1934; Patrick H. Lyons
 Leominster (Saxton Trade High), Sept., 1934; Emile S. Johnson
 Salem Vocational High, Sept., 1934; John M. Conway
 Attleboro Trade High, Nov., 1934; Henry A. Miller
 Cambridge Vocational, Dec., 1934; John M. Tobin
 Greenfield Vocational, June, 1936; P. Edwin Pehrson
 Fitchburg Vocational High, July, 1936; Franklin M. Angevine
 Barnstable Trade, Nov., 1938; Theodore W. Glover, Jr.
 North Adams Trade, Aug., 1940; Charles H. McCann
 Highton Vocational, Sept., 1940; Charles F. Day
 Gloucester Vocational, Sept., 1940; Harold B. Seary, Sr.
 Malden Vocational High, Sept., 1941; James A. Booth
 Marlboro Vocational, Sept., 1941; Lloyd F. Spaulding
 Nantucket Vocational, Sept., 1941; Leroy H. True
 Newburyport Vocational, Sept., 1943; Preston I. Titus

Group I la. Fifty-six Industrial Schools (boys)
(Continued)

Belmont Vocational High, Sept., 1943; Leslie W. Crowson
Norwood Vocational, Sept., 1944; Clifford H. Wheeler
Peabody Vocational High, Sept., 1944; Alfred J. Hurley
Lynn Trade High, Sept., 1945; Michael C. O'Donnell
Arlington Vocational High, Sept., 1946; Harry J. Patterson
Framingham Vocational High, Sept., 1946; Joseph F. Keefe
Webster (Bartlett Vocational High), Aug., 1947; Frank E. Wylde
Dartmouth Vocational, Sept., 1947; Charles C. Entwistle
Provincetown Vocational, Sept., 1949; Harry L. Mushroe
Abington Vocational, Sept., 1951; Gilbert D. Bristol
Swansea Trade, Sept., 1952; Richard B. Greenman
Wareham Vocational High, Sept., 1953; John J. Rolfe
Randolph Vocational High, Aug., 1955; Hubert F. Gilgan
Silver Lake Regional Vocational High, Aug., 1955; Francis M. Moran
Waltham Watchmaking, Sept., 1955¹; James R. Westall
Avon Vocational, Sept., 1956; Charles H. Francis
King Philip Regional Vocational, Oct., 1957; Frederick J. Delaney

Group I la¹. Two Trade Preparatory Schools for
Boys and Men

Plymouth, Oct., 1935; Donald T. Welch
Boston, Feb., 1958¹; Leo C. Renand

Group I lb. Eight Day Industrial Schools (girls)

Boston Trade High for Girls, Sept., 1909; Agnes K. Brennan
Worcester (David Hale Fanning Trade High for Girls), Sept., 1911;
Blanche M. Penn
Springfield Trade for Girls, Jan., 1934; Edmond P. Garvey
Norwood (Henry O. Peabody Trade for Girls), Sept., 1942; Blanche M.
Kingsbury
Fall River (Diman Vocational High for Girls), Sept., 1948; John P.
Harrington
Taunton Vocational for Girls, Feb., 1957¹; Patrick H. Lyons
Essex County Independent and Industrial Trade for Girls, Oct., 1957;
Harold A. Mostrom
Pittsfield Vocational for Girls, Feb., 1958; John F. Moran

Group I lb¹. Four Trade Preparatory Schools for
Girls and Women

Springfield, Oct., 1951; Dennis J. Brunton
Boston, Jan., 1953; Agnes K. Brennan
Taunton, Oct., 1957; Patrick H. Lyons
Winchendon, Nov., 1957; Ralph A. Peacham

Group I 1c. Seven Industrial Departments

South Boston, Jan., 1929; Stephen T. Riley
 Brighton, Feb., 1929; Thomas M. Dowell
 Charlestown, Feb., 1929; Edward B. Flaherty
 Dorchester, Feb., 1929; Walter J. Barry
 East Boston, Feb., 1929; Joseph D. Mahoney
 Hyde Park, Feb., 1929; Francis J. Lee
 Roxbury, Sept., 1929; Albert F. Hanrahan

Group I 2a. Sixteen Part-time Cooperative Schools

Beverly, Aug., 1909; Claude H. Patten
 Boston: Charlestown, Sept., 1919; Edward B. Flaherty
 Hyde Park, Sept., 1919; Francis J. Lee
 Dorchester, Sept., 1920; Walter J. Barry
 Brighton, Sept., 1922; Thomas M. Dowell
 East Boston, June, 1925; Joseph D. Mahoney
 South Boston, Jan., 1929; Stephen T. Riley
 Roxbury, Sept., 1929; Albert F. Hanrahan
 Southbridge, Sept., 1919; Raymond L. W. Benoit
 Holyoke, March, 1948; William J. Dean
 Springfield, April, 1951; Edmond P. Garvey
 Westfield, May, 1951; Michael Gonzalez
 Pittsfield, Sept., 1951; John F. Moran
 Haverhill, Oct., 1953; Thomas F. Garvey
 Arlington, Feb., 1954; Harry J. Patterson
 Newton, March, 1954; Warren M. Switzer

Group I 2c. Thirty-five Evening Industrial Schools (men)

New Bedford, Nov., 1907; William R. Mackintosh
 Lawrence, March, 1908; Daniel F. Sullivan
 Boston, Oct., 1908; James B. Dolan
 Newton, Feb., 1909; Warren M. Switzer
 Worcester, Feb., 1910; Walter B. Dennen
 Springfield, Feb., 1916; Dennis J. Brunton
 Beverly, Nov., 1916; Claude H. Patten
 Lynn Shoemaking, Jan., 1927; Stephen R. Callahan
 Medford, Nov., 1930; Walter D. Reid
 Southbridge, Oct., 1936¹; Raymond L. W. Benoit
 Holyoke, April, 1945; William J. Dean
 Chicopee, June, 1945; Henry J. Rege
 Brockton, Sept., 1945¹; Kenrick M. Baker
 Framingham, Oct., 1945; Joseph P. Keefe
 Greenfield, Oct., 1945; P. Edwin Pehrson
 Lowell, Oct., 1945¹; Charles P. Conlon
 Malden, Oct., 1945; James A. Booth
 Quincy, Nov., 1945¹; Maurice J. Daly
 Waltham, Nov., 1945¹; James R. Westall

Group I 2c. Thirty-five Evening Industrial Schools (men)
(Continued)

Lynn, Oct., 1946¹; Michael C. O'Donnell
Marlboro, Oct., 1946; Lloyd F. Spaulding
Somerville, Oct., 1946; Walter E. Struble
Westfield, Oct., 1946; Michael Gonzalez
Fall River, Oct., 1947; Charles E. Matte
Pittsfield, Oct., 1948¹; John F. Moran
Haverhill, March, 1950¹; Thomas F. Garvey
Arlington, Oct., 1950; Harry J. Patterson
Leominster, March, 1951¹; Emile S. Johnson
Attleboro, Oct., 1951¹; Henry A. Miller
Weymouth, Oct., 1955¹; Ray G. Parker
Northampton, Oct., 1956¹; Lauri S. Ronka
Taunton, Oct., 1956¹; Patrick H. Lyons
Fitchburg, Oct., 1956¹; Franklin M. Angevine
Salem, Oct., 1956¹; John M. Conway
Gloucester, Jan., 1957¹; Harold B. Geary, Sr.

Group I 2c¹. Fourteen Evening Trade Extension Schools (women)

Springfield, Sept., 1957; Dennis J. Brunton
Worcester, Jan., 1958; Blanche M. Penn
Fall River, Jan., 1958; John P. Harrington
Leominster, Jan., 1958; Emile S. Johnson
Fitchburg, Feb., 1958; Franklin M. Angevine
Salem, Feb., 1958; John M. Conway
Brockton, Feb., 1958; Kenrick M. Baker
Beverly, Feb., 1958; Claude H. Patten
Weymouth, March, 1958; Ray G. Parker
New Bedford, March, 1958; William R. Mackintosh
Peabody, March, 1958; Alfred J. Hurley
Malden, March, 1958; James A. Booth
Haverhill, April, 1958; Thomas F. Garvey
Lynn, March, 1958; Michael C. O'Donnell

Group I 2d. Twenty-eight Apprenticeship Schools

Pittsfield, Sept., 1927; John F. Moran
Newton, Oct., 1939; Warren M. Switzer
Worcester, March, 1943; Walter B. Dennen
Springfield, Oct., 1944¹; Dennis J. Brunton
Boston, Nov., 1945; Leo C. Renaud
Gloucester, Nov., 1945; Harold B. Geary
Beverly, Oct., 1946; Claude H. Patten
Brockton, Oct., 1946; Kenrick M. Baker
Leominster, Oct., 1946; Emile S. Johnson
Lowell, Oct., 1946; Charles P. Conlon

Group I 2d. Twenty-eight Apprenticeship Schools
(Continued)

Malden, Oct., 1946; James A. Booth
New Bedford, Oct., 1946; William R. Mackintosh
Barnstable, Nov., 1946; Theodore W. Glover, Jr.
Fitchburg, Nov., 1946¹; Franklin M. Angevine
Greenfield, Nov., 1946; P. Edwin Pehrson
Holyoke, Nov., 1946; William J. Dean
Medford, Nov., 1946; Walter D. Reid
Weymouth, Nov., 1946; Ray G. Parker
Lawrence, Dec., 1946; Daniel F. Sullivan
Lynn, Jan., 1947; Michael C. O'Donnell
Marlboro, Jan., 1947; Lloyd F. Spaulding
Taunton, Feb., 1947; Patrick H. Lyons
Attleboro, May, 1947; Henry A. Miller
Quincy, Oct., 1947; Maurice J. Daly
Southbridge, Oct., 1949; Raymond L. W. Benoit
Haverhill, March, 1949; Thomas F. Garvey
Boston Journeyman, Oct., 1955; Leo C. Renaud
Northampton, Oct., 1956¹; Lauri S. Ronka

Group I 2e. Vocational Art Schools (classes)

Massachusetts School of Art, Nov., 1927

Group III 1a. Eleven Homemaking Schools

New Bedford, Nov., 1907; William R. Mackintosh
Northampton, Oct., 1908; Lauri S. Ronka
Lowell, Sept., 1911; Charles P. Conlon
Essex County, Sept., 1914; Harold A. Mostrom
Worcester, Jan., 1931; Blanche M. Penn
Everett, Oct., 1933; John W. Bates
Springfield, Jan., 1934; Edmond P. Garvey
Taunton, Sept., 1934; Patrick H. Lyons
Cambridge, Dec., 1935; John M. Tobin
Holyoke, Jan., 1940; Henry J. Fitzpatrick
Fall River, Sept., 1942; John P. Harrington

Group III 1b. Forty-seven Day Household Arts Departments

Fall River, Nov., 1919; Ambrose F. Keeley
Somerville, Nov., 1920; Everett W. Ireland
Scituate, Sept., 1921; Edward L. Stewart
Pittsfield, Sept., 1922; John F. Moran
Westport, March, 1924; Harold S. Wood
Haverhill, Sept., 1924; Charles L. Whitcomb

Group III 1b. Forty-seven Day Household Arts Departments
(Continued)

Falmouth, April, 1925; Russell B. Marshall
Belchertown, March, 1925; Guy E. Harrington
Shelburne, Sept., 1928; John P. Thompson
Bourne, Sept., 1928; Wilfred H. Graves
Provincetown, Nov., 1931; Harry L. Mushroe
Townsend, Oct., 1932; J. Verne Quimby
Barnstable, Sept., 1933; Theodore W. Glover, Jr.
Brockton, Jan., 1935; Ralph S. Frellick
North Adams, Jan., 1935; Robert N. Taylor
Dartmouth, Sept., 1935; Charles C. Entwistle
New Salem, Sept., 1935; George R. Quinn
Holliston, Dec., 1935; Fred W. Miller
Palmer, Sept., 1936; Louis Fontaine
Winchendon, Sept., 1936; Ralph H. Mescham
Adams, Sept., 1936; J. Franklin Farrell
Beverly, Sept., 1937; William J. Foley
Hudson, Sept., 1938; Helen A. Glynn
Lee, Sept., 1938; Arthur L. Welcome
Randolph, Sept., 1938; Hubert F. Gilgan
Marshfield, Sept., 1939; James P. Romeo
Northbridge, Sept., 1939; Mildred M. Shay
Agawam, Sept., 1940; Frederick T. Dacey
Newburyport, Sept., 1941; Patrick J. Murnane
West Bridgewater, Sept., 1941; Bert L. Merrill
Norton, Dec., 1942; Charles S. Randall
Greenfield, Sept., 1944; P. Edwin Fehrson
Charlton, Sept., 1949; Robert S. Ewing
Easton, Sept., 1950; Peter C. McConarty
Tewksbury, Sept., 1952; Lawrence McGowan
Wareham, Sept., 1952; John J. Rolfe
Duxbury, Sept., 1953; Everett L. Handy
Foxboro, Sept., 1953; Charles G. Taylor
Lexington, Sept., 1953; Manfred L. Warren
Wachusett Regional, Aug., 1954; Neal T. Skillings
Salem, Sept., 1954; Chester R. Arnold
Silver Lake Regional, July, 1955; Francis M. Moran
Hadley, Aug., 1955¹; Frederick C. Riel
Saugus, Sept., 1955; John A. W. Pearce
Frontier Regional, Sept., 1956; Daniel W. Alvino
Littleton, Sept., 1957; Merrill E. Cobb
Narragansett Regional, Sept., 1957; John S. Huddleston

Group III 3. One hundred thirty-one Evening Practical
Art Schools

New Bedford, Nov., 1907; William R. Mackintosh
Lawrence, March, 1908; Daniel F. Sullivan
Newton, Feb., 1909; Warren M. Switzer
Worcester, Sept., 1911; Blanche E. Penn
Lowell, Sept., 1911; Charles F. Conlon

Group III 3. One hundred thirty-one evening Practical
Art Schools (Continued)

Everett, Oct., 1911; John W. Bates
 Holyoke, Oct., 1911; William R. Peck
 Somerville, Oct., 1911; Everett W. Ireland
 Boston, Oct., 1912; Charles E. Schroeder
 Methuen, Oct., 1912; Walter B. Ingalls
 Leominster, Feb., 1916; Donald J. Geary
 Essex County, July, 1918; Harold A. Mstrom
 Beverly, Sept., 1919; Thomas H. Thompson
 Lynn, Feb., 1920; Raymond F. Grady
 Chicopee, Nov., 1921; Henry J. Rege
 Medford, Oct., 1922; Katherine L. Baker
 Brockton, Nov., 1926; Kenrick M. Baker
 Somerset, Sept., 1928; Austin J. O'Toole
 Webster, Dec., 1934¹; Howard V. McGuinness
 Gloucester, March, 1935¹; Leon G. Sprague, Jr.
 Springfield, Oct., 1935¹; Dennis J. Brunton
 Salem, Oct., 1940¹; Patrick T. Fallon
 Northbridge, Oct., 1941; James S. Mullaney
 Cambridge, Oct., 1942¹; John M. Tobin
 Nantucket, Oct., 1942¹; Richard J. Porter
 Northampton, April, 1942; Lauri S. Ronka
 Fall River, June, 1943¹; John P. Harrington
 Pittsfield, Oct., 1943; John F. Moran
 Waltham, Nov., 1943¹; John W. McDevitt
 Norwood, Oct., 1944; Blanche L. Kingsbury
 Winchendon, Nov., 1944; Ralph H. Meacham
 Hudson, Jan., 1945; Helen A. Glynn
 Randolph, April, 1945; Thomas L. Warren
 Abington, April, 1945; John C. Hastings
 Andover, Oct., 1945; Owen Kinckley
 Taunton, Oct., 1945; Patrick B. Lyons
 Quincy, Nov., 1945; John Houston
 Hansen, March, 1946; Clifton E. Bradley
 Melrose, March, 1946¹; Philip A. Stackpole
 Milton, April, 1946; Mrs. Miriam G. Schoenherr
 Haverhill, Oct., 1946; Leo J. Chareth
 Lexington, Oct., 1946¹; Harry B. McCormick
 Weymouth, Oct., 1946¹; Harold G. Olson
 Brookline, Jan., 1947; Wendell F. Smith
 Swansea, Sept., 1947; Richard B. Greenman
 Southbridge, Sept., 1947¹; Robert L. Fox
 Manchester, Oct., 1947; Arthur W. Danielson
 Braintree, Jan., 1948; Lorin B. Johnson
 Palmer, March, 1948; Donald F. McCaffrey
 Millis, March, 1948; George C. Roy
 Hanover, April, 1948; Clifton E. Bradley
 Greenfield, Oct., 1948¹; P. Edwin Pehrson
 North Adams, Oct., 1948; Charles H. McCann
 Provincetown, Oct., 1948; Harry L. Mushroe
 Westwood, Oct., 1948; Luane E. Kocina
 Barnstable, Nov., 1948; Theodore W. Glover, Jr.

Group III 3. One hundred thirty-one Evening Practical
Art Schools (Continued)

Spencer, Nov., 1948; Edward R. McDonough
Westfield, Nov., 1948; Michael Gonzalez
Whitman, Nov., 1948¹; James R. Savage
Leerfield, Jan., 1949; Sidney Osborne
Franklin, Jan., 1949; Mrs. Helen G. Thomas
Burlington, March, 1949; Robert Murphy
Middleboro, March, 1949; Samuel Deich
Clinton, Oct., 1949; John J. Mitchell
Rockland, Oct., 1949; R. Stewart Esten
Truro, Nov., 1949; Harry L. Mushroe
Arlington, Jan., 1950; Luke E. McCarthy
Athol, Jan., 1950; Carl H. Peterson
North Attleboro, Jan., 1950¹; Arthur J. Mott
Hull, Feb., 1950; Louis O. Forrest
Wareham, Feb., 1950; John J. Rolfe
Harwich, March, 1950¹; Jesse J. Morgan
Dover, April, 1950; Fritz F. Lindquist
Holbrook, Oct., 1950; Hugh C. Gilgan
Wellesley, Oct., 1950; Salvatore Simone
Lakeville, Nov., 1950; George R. Austin
Yarmouth, Feb., 1951; Alfred R. Kenyon
Belmont, Oct., 1951; Charles R. Thibadeau
Scituate, Dec., 1951; Judson R. Merrill
Bridgewater, Oct., 1951; Albert F. Hunt
Woburn, Jan., 1952; James F. Brennan
Lancaster, March, 1952; George A. MacArthur
Wilmington, Oct., 1952; John J. Collins
Carver, Oct., 1953; George R. Austin
Duxbury, Oct., 1953; Everett L. Handy
Stoughton, Sept., 1953; Arthur L. Penardi
Marion, Sept., 1953; Robert B. Patch
Cohasset, Oct., 1953; Frank Wunschel, Jr.
South Hadley, Oct., 1953; Charles A. Miller
Easthampton, Oct., 1953; James A. Bernard
East Longmeadow, Jan., 1954; Robert J. Jarvis
Wakefield, Feb., 1954; Joseph B. Connors
Revere, Feb., 1954; Carl Lindstol
Dartmouth, March, 1954; Charles C. Entwistle
Falmouth, March, 1954; Russell B. Marshall
Concord, Sept., 1954; Thomas J. Dillon
Wrentham, Oct., 1954; Frederick J. Delaney
Seekonk, Oct., 1954; Albert F. Ehnes
Montague, Oct., 1954; Christopher Garrahan
Canton, Oct., 1954; John Glenn
Billerica, Oct., 1954; Anthony J. Zarella
Lenox, Nov., 1954; Hiram F. Battey
Templeton, Nov., 1954¹; Gregory C. Coffin
Rochester, Jan., 1955; George R. Austin
Ayer, Jan., 1955; Harold G. Norton
Milford, Feb., 1955¹; David I. Favoren
Conway, Sept., 1955; Sidney Osborne

Group III 3. One hundred thirty-one Evening Practical
Art Schools (Continued)

Grenby, Oct., 1955; Charles A. Miller
Westport, Oct., 1955; Harold S. Wood
Norwell, Oct., 1955; Clifton E. Bradley
Essex, Oct., 1955; Arthur W. Danielson
Shelburne, Jan., 1956; Donald A. Fisher
Silver Lake Regional, Jan., 1956; Francis M. Moran
Warren, Feb., 1956¹; Carleton F. Rose
Auburn, Sept., 1956; John H. Gotschall
Bourne, Oct., 1956; Wilfred H. Graves
Plymouth, Oct., 1956; Walter M. Snyder
Bedford, Oct., 1956¹; Edward H. Gillespie
Medway, Oct., 1956; Francis J. Burke
Amherst-Pelham Regional, Oct., 1956; Robert Domina
Saugus, Jan., 1957; Louise Salamita
Agawam, Jan., 1957; Charles L. Kistner
Sunderland, Sept., 1957; Sidney Osborne
Easton, Sept., 1957; Peter C. McConarty
Reading, Oct., 1957; John R. Copithorne
Swampscott, Oct., 1957; Philip A. Jenkin
Hingham, Oct., 1957; Irvin D. Reade
Lunenburg, Feb., 1958; Maurice P. Billings
Gay Head, Feb., 1958; Chester V. Sweatt
Pioneer Valley Regional, March, 1958; F. Sumner Turner
Hadley, March, 1958; Frederick C. Riel

Group IV 1a. Five Agricultural Schools

Northampton (Smith's), Oct., 1908; Lauri S. Ronka
Bristol County, Sept., 1913; John B. Farrar
Essex County, Oct., 1913; Harold A. Mostrom
Norfolk County, Oct., 1916; Foster H. Weiss
Norfolk County (Weymouth Branch), Oct., 1916; Hilmer S. Nelson, Instructor

Group IV 1b. Twenty-two Vocational Agricultural Departments
with names of instructors (day)²

Worcester, May, 1917; Andrew G. Karlson
Boston (Jamaica Plain), Nov., 1918; Thomas P. Looley
New Salem, Sept., 1920; Paul R. Wilbur
Shelburne, March, 1920; Ernest R. Giffin
West Springfield, April, 1920; Edwin K. Fife
Falmouth, Sept., 1920; Lewis B. Robinson
Westport, Aug., 1925; Thomas J. McGarr
Agawam, Aug., 1929; David Skolnick
Bartmouth, Sept., 1929; Antone Bettencourt
Westfield, Oct., 1931; Arthur L. Frellick

Group IV 1b. Twenty-two Vocational Agricultural Departments
with names of instructors (day)² (Continued)

Hudson, Aug., 1935; Harold A. Potter
Barnstable, Sept., 1934; Arnold W. Rogean
Stockbridge, June, 1936; Kenneth W. Milligan
Williamstown, Aug., 1937; John W. Divoll
Charlton, Sept., 1949; John H. Chambers
Wachusett Regional, July, 1954; G. Joseph Gribouski
Hadley, July, 1955¹; George Feiker
Silver Lake Regional, July, 1955; Karl H. Erickson
North Brookfield, July, 1956; George S. Frizzell
Frontier Regional, July, 1956; Daniel W. Alvino
Narragansett Regional, Sept., 1957; John S. Huddleston
Pioneer Valley Regional, Sept., 1957; Brian L. Overdorff

Group IV 3. Six Vocational Agricultural Departments
with names of Directors (evening)

Essex County, Dec., 1926; Harold A. Mostrom
Bristol County, Oct., 1940; John B. Farrar
New Salem, Feb., 1946; George R. Quinn
Westport, July, 1953; Harold S. Wood
Dartmouth, Feb., 1952; Charles C. Antwistle
Wachusett Regional, Nov., 1956; Neal T. Skillings

Group V 1a. Fourteen Part-time Cooperative Distributive
Occupations Schools

Boston, Sept., 1937; Helen M. Moran
Pittsfield, Sept., 1941; John F. Moran
Medford, Feb., 1942; Walter D. Reid
Lowell, Sept., 1942; Charles F. Conlon
Brockton, Sept., 1944¹; Kenrick M. Baker
Quincy, Sept., 1946; George A. Wilson
Salem, Sept., 1948; John M. Conway
Somerville, Sept., 1948; Walter E. Struble
Chicopee, Sept., 1950; John L. Fitzpatrick
Haverhill, Sept., 1951; Charles L. Whitcomb
Springfield, Sept., 1955; Oscar Y. Gamel
Peabody, Nov., 1956; Arthur J. Barry
Beverly, Sept., 1957; William J. Foley
Fitchburg, April, 1956; Stephen T. Woodbury

Group V 2. Eleven Evening Distributive Occupations Schools

Springfield, Oct., 1941; Dennis J. Brunton
Boston, April, 1943¹; Helen M. Moran
North Adams, Oct., 1949; Charles H. McCann
Fall River, Sept., 1953; Ambrose F. Keeley
Haverhill, Nov., 1953; Charles L. Whitcomb
Malden, Nov., 1953; James A. Booth
Marlboro, Nov., 1953; Lloyd F. Spaulding
Pittsfield, Nov., 1953; John F. Moran
Lowell, Oct., 1954; Charles F. Conlon
Quincy, Jan., 1956¹; George A. Wilson
Worcester, Nov., 1956; Blanche M. Penn

¹Re-established

²The Principal of the High School usually serves as Director

Table No. 2 - Financial statement by types of schools
School year ending August 31, 1957

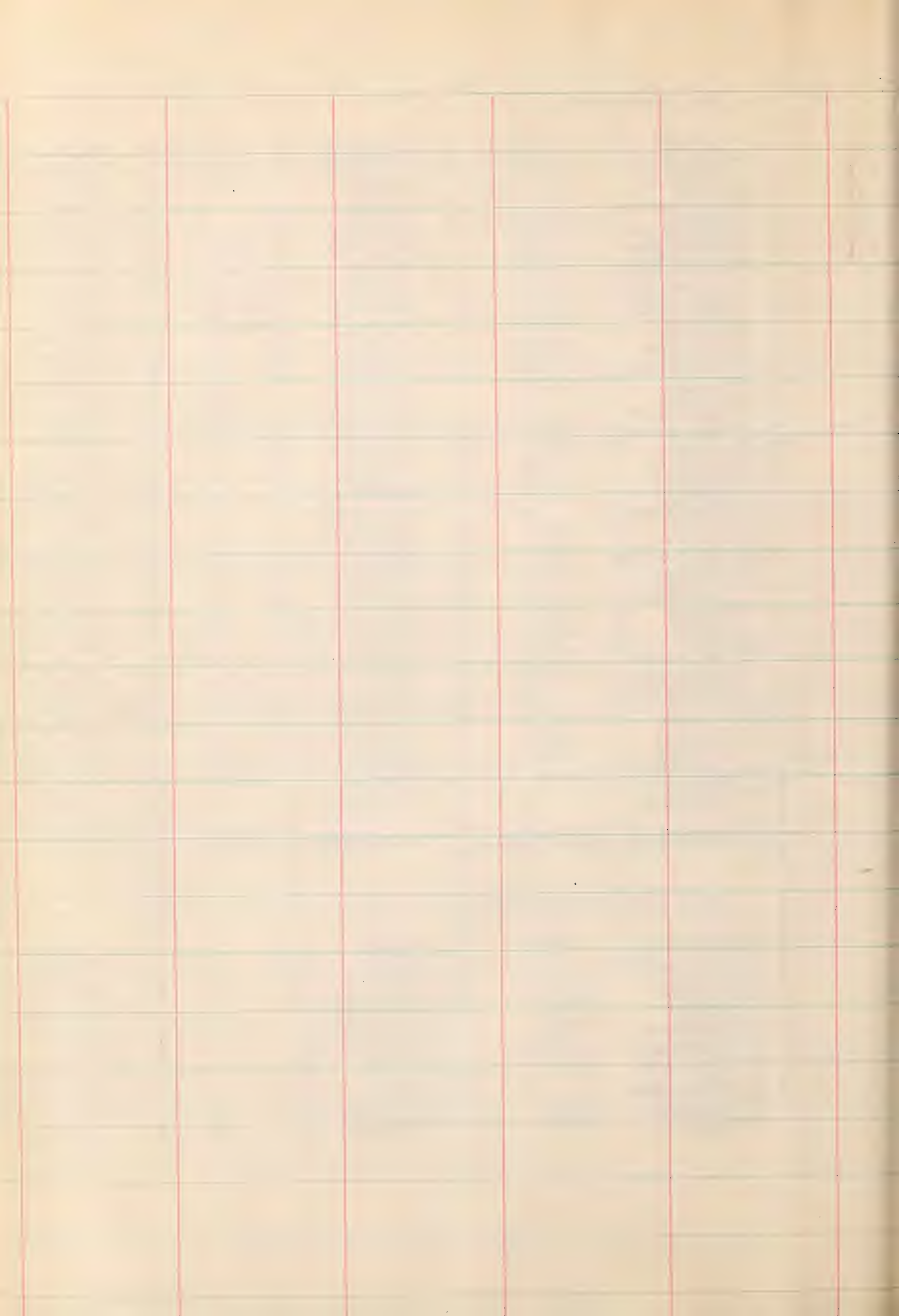
| CITIES, TOWNS AND COUNTIES | EXPENDITURES | | | | | | | | RECEIPTS | | | | | STATE REIMBURSEMENT | | | |
|---|------------------------------------|--------------------|-----------------|-------------|--|---------------|--------------|---|--|----------------------------------|--------------------------------------|---|-----------------|---------------------|----------|----------------|--------------------------|
| | Total expenditures State and Local | Total Construction | Total Equipment | Maintenance | Tuition and Transportation aid by Cities, Towns not printing Certain Types of Vocational Schools | Total Tuition | Total Income | Tuition Claims Non-Resident and State funds | Federal Funds Smith-Rugles and George-Jordan | Other Miscellaneous Income Items | Cash Received from Work and Products | Equivalent and Actual Credits for Work and Products | Net Maintenance | Maintenance | Tuition | Transportation | Total State Expenditures |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| GROUP 1a. DAY INDUSTRIAL SCHOOLS (boys) | | | | | | | | | | | | | | | | | |
| Abington | 23,540.22 | -- | 780.33 | 22,637.71 | 242.18 | 22,779.9 | 2,554.53 | 700.00 | 114.00 | -- | 1,665.21 | 101.22 | 19,963.16 | 9,976.89 | 121.09 | -- | 10,097.69 |
| Arlington | 64,694.65 | -- | 1,150.83 | 63,528.54 | 221.28 | 63,547.42 | 4,800.99 | 2,200.00 | 659.00 | -- | 1,931.27 | 85.72 | 65,440.55 | 29,210.28 | 119.44 | -- | 29,330.92 |
| Attleboro | 33,439.0 | -- | 205.29 | 33,233.79 | -- | 33,233.79 | 2,700.00 | -- | 278.00 | -- | -- | -- | 23,365.79 | 16,677.90 | -- | -- | 16,677.90 |
| Avon | 15,937.12 | -- | 2,756.30 | 12,804.56 | 376.26 | 13,180.2 | 8,630.59 | -- | 8,458.34 | -- | 47.25 | 124.92 | 4,173.97 | 2,086.99 | 188.13 | -- | 2,275.12 |
| Barnstable | 21,945.61 | -- | 356.50 | 21,589.11 | -- | 21,589.11 | 3,144.93 | 1,100.00 | 172.00 | -- | 2,429.69 | 108.76 | 17,966.37 | 8,959.18 | -- | -- | 8,959.18 |
| Belmont | 57,694.05 | -- | 1,621.26 | 55,792.39 | 210.40 | 56,072.79 | 4,356.46 | 3,016.70 | 502.00 | -- | 677.72 | 200.00 | 51,355.91 | 25,697.96 | 125.00 | 16.20 | 25,823.16 |
| Beverly | 71,483.63 | 171.69 | 1,993.59 | 69,285.45 | 32.90 | 69,318.35 | 11,161.68 | 5,762.99 | 717.00 | -- | 3,908.67 | 773.02 | 56,123.77 | 29,061.88 | 14.45 | -- | 29,076.33 |
| Boston | 704,337.33 | 1,960.32 | 2,495.79 | 699,897.65 | 180.34 | 700,378.02 | 48,185.57 | 29,834.61 | 6,415.00 | 77.04 | 10,726.52 | 1,136.40 | 641,705.11 | 325,854.06 | 240.17 | -- | 326,094.23 |
| Brookton | 43,935.93 | -- | 1,125.00 | 42,433.63 | 177.33 | 42,610.33 | 9,040.25 | 8,229.14 | 352.00 | 72.08 | 587.06 | -- | 33,393.36 | 16,940.57 | 114.45 | 32.80 | 17,129.16 |
| Cambridge | 56,618.39 | -- | 2,722.07 | 53,893.26 | 13.06 | 53,893.32 | 486.00 | -- | 485.00 | -- | -- | -- | 53,399.28 | 26,199.13 | 6.53 | -- | 26,705.66 |
| Chicopee | 117,969.66 | -- | -- | 115,279.78 | 2,689.78 | 117,969.56 | 10,171.78 | -- | 5,947.00 | -- | 4,137.89 | 86.89 | 105,108.00 | 52,654.00 | 1,264.93 | 79.86 | 53,898.89 |
| Dartmouth | 19,536.71 | -- | 101.91 | 18,419.44 | 3,016.38 | 19,434.80 | 292.00 | -- | 161.00 | -- | 131.00 | -- | 18,127.44 | 8,083.72 | 1,507.68 | -- | 9,571.40 |
| Dighton | 23,745.32 | -- | -- | 23,111.42 | 633.90 | 23,745.32 | 9,411.97 | 6,851.00 | 577.50 | -- | 1,783.47 | -- | 13,699.45 | 6,849.73 | -- | 210.95 | 7,146.68 |
| Everett | 152,942.49 | -- | 1,869.20 | 151,235.11 | 138.18 | 151,373.29 | 15,551.57 | 12,632.16 | 1,481.00 | -- | 1,074.63 | 333.86 | 133,683.64 | 68,023.85 | 69.09 | -- | 68,092.94 |
| Fall River | 142,439.02 | -- | 4,540.96 | 137,998.06 | -- | 137,998.06 | 16,953.37 | 5,392.50 | 7,488.00 | 3,472.50 | 580.37 | -- | 120,964.69 | 60,482.55 | -- | -- | 60,482.55 |
| Fitchburg | 74,006.07 | -- | 540.97 | 73,464.0 | 11,622.56 | 73,464.0 | 5,253.14 | 4,163.92 | 570.00 | -- | 380.74 | 58.48 | 69,955.38 | 28,164.87 | 4,951.27 | 880.01 | 34,176.15 |
| Framingham | 36,304.51 | -- | 535.90 | 29,990.27 | 6,278.34 | 36,268.61 | 533.74 | 464.41 | -- | -- | 58.98 | 6.35 | 29,456.63 | 14,728.27 | 2,626.17 | 513.50 | 17,967.44 |
| Gloucester | 74,555.07 | -- | 715.00 | 74,139.07 | -- | 74,139.07 | 8,798.63 | 6,392.12 | 738.00 | -- | 50.00 | 1,820.71 | 63,340.34 | 32,670.12 | -- | -- | 32,670.12 |
| Greenfield | 81,611.33 | -- | 1,025.35 | 80,122.04 | 453.94 | 80,575.98 | 11,049.11 | 9,324.74 | 726.00 | -- | -- | 398.37 | 69,072.93 | 36,213.66 | 193.90 | 38.07 | 35,445.53 |
| Haverhill | 245,101.56 | -- | 6,995.36 | 238,024.14 | 62.06 | 238,106.20 | 32,846.65 | 33,526.70 | 6,691.77 | 5,740.82 | 1,297.43 | 591.85 | 186,175.59 | 92,807.09 | 41.03 | -- | 92,848.12 |
| Holyoke | 133,993.53 | -- | 1,113.85 | 131,869.54 | 1,010.44 | 132,879.98 | 10,42.62 | 6,303.19 | 1,433.00 | -- | 857.23 | 438.87 | 121,026.92 | 60,513.46 | 438.22 | 70.00 | 61,016.68 |
| Leominster - Paxton | 78,338.39 | 232.84 | 1,090.66 | 77,197.55 | 5,642.84 | 77,615.39 | 24,409.50 | 18,196.50 | 6,212.00 | -- | -- | -- | 47,844.05 | 23,782.03 | 1,859.12 | 962.30 | 26,603.45 |
| Lowell | 117,556.63 | -- | 742.40 | 113,751.93 | 2,862.30 | 116,614.23 | 24,614.00 | 22,350.00 | 1,330.00 | 652.50 | 255.20 | 6.30 | 89,137.93 | 44,568.98 | 690.30 | 740.95 | 46,000.11 |
| Lynn Shoe | 90,551.08 | 2,055.41 | 4,351.33 | 83,334.34 | -- | 83,334.34 | 13,405.82 | 3,106.24 | 663.00 | 729.73 | 6,987.83 | -- | 69,846.32 | 35,062.57 | -- | -- | 35,062.57 |
| Lynn Trade | 149,056.63 | 952.75 | 633.88 | 147,116.40 | 328.70 | 147,440.10 | 16,241.00 | 3,750.0 | 10,291.00 | -- | 597.01 | 1,530.78 | 130,875.31 | 65,437.65 | 181.44 | -- | 65,599.80 |
| Malden | 79,366.10 | -- | 631.64 | 73,177.54 | 5,256.92 | 78,434.46 | 7,271.13 | 4,828 | 713.00 | -- | 669.48 | 960.00 | 65,906.41 | 32,958.20 | 2,643.91 | 174.88 | 35,676.66 |
| Norlboro | 23,345.42 | -- | 3,116.75 | 16,636.41 | 2,022.26 | 19,720.67 | 1,211.86 | 30 | 140.00 | -- | -- | 166.86 | 16,424.65 | 7,712.28 | 1,095.76 | 350.38 | 9,166.41 |
| Norfolk - Melvin V. Meldon | 134,931.82 | -- | 3,441.16 | 131,198.97 | 291.20 | 131,490.17 | 20,256.35 | 12,0 | 6,989.80 | -- | 109.91 | 999.66 | 110,942.69 | 55,544.98 | 80.00 | 55.00 | 55,699.98 |

| 1a. (continued) | 1. | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---------------------------------|----|--------------|------------|------------|--------------|-----------|--------------|------------|------------|------------|-----------|-----------|-----------|--------------|--------------|-----------|----------|--------------|
| Barnstable | | 17,079.31 | 1,260.00 | 93.10 | 15,736.21 | -- | 15,736.21 | 721.00 | 168.00 | -- | -- | 68.28 | 485.82 | 15,014.41 | 7,507.20 | -- | -- | 7,507.20 |
| New Bedford | | 255,428.47 | 925.00 | 3,696.10 | 259,005.37 | -- | 259,005.37 | 45,744.48 | 27,404.75 | 13,987.00 | -- | -- | 4,349.27 | 206,061.91 | 102,530.98 | -- | -- | 102,530.98 |
| Newburyport | | 2,049.27 | -- | 504.98 | 2,554.25 | 2,450.30 | 27,544.29 | 5,242.98 | 5,107.78 | 240.00 | -- | -- | 675.28 | 18,891.01 | 9,445.51 | 1,011.68 | 203.60 | 10,683.90 |
| Newton | | 219,06.03 | -- | 13,453.33 | 204,907.50 | 1,045.20 | 205,952.70 | 32,273.50 | 28,963.00 | 2,193.00 | 278.00 | 540.44 | 197.12 | 172,634.00 | 86,317.00 | 468.53 | 58.07 | 86,889.60 |
| North Adams | | 20,164.86 | -- | 829.81 | 17,362.75 | 272.60 | 17,635.25 | 2,035.25 | 1,734.00 | 268.00 | -- | -- | 85.25 | 17,877.50 | 8,638.75 | 52.28 | 84.00 | 8,775.00 |
| Northampton | | 151,441.63 | 3,695.84 | 144.61 | 136,626.52 | 2,978.66 | 139,605.18 | 55,624.33 | 29,085.90 | 17,427.00 | 7,460.44 | 1,179.87 | 3,471.12 | 78,002.19 | 39,261.10 | 708.00 | 783.33 | 40,749.43 |
| Northbridge | | 15,331.57 | -- | -- | 12,529.87 | 802.20 | 13,331.87 | 2,655.58 | 1,722.58 | 908.00 | -- | -- | 11.00 | 9,869.81 | 4,934.91 | 274.50 | 126.80 | 5,335.01 |
| Norwood | | 20,524.56 | -- | -- | 14,553.50 | 5,971.08 | 20,524.56 | 5,584.48 | 3,384.93 | -- | -- | -- | 758.05 | 4,834.58 | 2,461.43 | 834.87 | 144.30 | 7,620.09 |
| Peabody | | 47,311.90 | -- | 548.17 | 46,811.39 | 1,568.34 | 48,379.73 | 3,174.42 | 228.00 | 228.00 | -- | 1,988.91 | 547.51 | 42,436.97 | 21,218.48 | -- | -- | 21,218.48 |
| Pittsfield | | 134,992.34 | -- | 14,998.38 | 119,993.98 | -- | 119,993.98 | 14,870.25 | 11,115.60 | 1,341.00 | 220.00 | 174.00 | 1,798.98 | 108,323.73 | 52,661.86 | -- | -- | 52,661.86 |
| Provincetown | | 10,077.77 | -- | 106.20 | 9,971.57 | -- | 9,971.57 | 1,941.68 | 600.00 | -- | -- | 1,341.65 | -- | 8,629.94 | 4,014.97 | -- | -- | 4,014.97 |
| Quincy | | 165,466.09 | -- | 7,024.67 | 154,441.42 | 3,564.82 | 158,006.24 | 15,450.13 | 14,987.23 | 3,203.00 | -- | -- | 436.50 | 135,436.67 | 67,718.33 | 1,497.88 | 279.65 | 69,496.84 |
| Randolph | | 25,015.12 | -- | 1,218.97 | 16,218.55 | 8,677.60 | 23,796.15 | 5,227.33 | -- | 7,333.34 | -- | -- | 893.99 | 6,991.22 | 3,495.81 | 436.00 | -- | 7,784.41 |
| Salem | | 66,679.01 | -- | 7,132.31 | 57,421.00 | 2,125.70 | 59,546.70 | 11,139.36 | 1,330.00 | 8,930.68 | -- | -- | 273.60 | 605.18 | 46,281.64 | 23,140.52 | 688.19 | 24,203.67 |
| Silver Lake Regional | | 30,974.00 | -- | 782.91 | 30,191.17 | -- | 30,191.17 | 19,667.28 | 310.00 | 18,655.34 | -- | -- | -- | 111.94 | 10,533.89 | 5,268.94 | -- | 5,268.94 |
| Somerville | | 136,025.32 | -- | 1,130.36 | 135,895.92 | 1,118.24 | 134,956.16 | 3,047.22 | 1,179.47 | 1,815.00 | -- | -- | 44.75 | 130,782.70 | 65,396.35 | 548.62 | 10.60 | 65,865.47 |
| Southbridge - Cole | | 75,386.89 | 109.28 | 730.66 | 74,461.25 | 497.20 | 74,958.45 | 6,769.94 | 5,040.01 | 684.00 | 124.00 | 7.85 | 914.08 | 67,691.31 | 33,845.66 | 177.00 | 71.80 | 34,094.73 |
| Springfield | | 395,416.65 | 12.00 | 7,056.36 | 397,466.13 | 682.16 | 398,148.29 | 100,425.16 | 78,478.55 | 3,733.00 | 13,848.48 | 689.82 | 3,575.51 | 247,140.97 | 144,145.36 | 180.00 | 291.08 | 144,586.44 |
| Swansea | | 5,849.44 | -- | 42.18 | 7,941.79 | 855.50 | 8,797.29 | 450.00 | 450.00 | -- | -- | -- | -- | 7,491.79 | 3,745.89 | 282.50 | 15.28 | 8,025.54 |
| Taunton | | 36,685.97 | -- | 3,680.80 | 32,807.97 | -- | 32,807.97 | 8,537.45 | 4,115.80 | 4,154.00 | -- | -- | 151.55 | 24,270.09 | 12,260.05 | -- | -- | 12,260.05 |
| Uxbridge - Arthur L. Hansen | | 113,222.29 | 3,203.27 | 611.54 | 105,761.54 | 3,625.84 | 109,387.40 | 24,982.48 | 7,664.74 | 7,547.92 | 300.00 | 5,679.58 | 8,680.24 | 80,609.36 | 40,404.68 | 1,677.28 | 135.64 | 42,217.50 |
| Uxbridge | | 13,135.35 | 25.79 | 772.73 | 12,012.41 | 324.42 | 12,336.83 | 2,780.41 | -- | 1,111.00 | -- | -- | 1,501.28 | 9,232.10 | 4,616.08 | 80.00 | 72.18 | 4,778.26 |
| Webster - Bartlett | | 60,492.21 | -- | 1,923.12 | 58,569.25 | 3,228.84 | 61,798.09 | 7,061.66 | 6,706.25 | 512.00 | -- | -- | 543.41 | 47,834.59 | 23,917.29 | 1,188.48 | 425.97 | 25,631.71 |
| Westfield | | 97,683.90 | -- | 3,303.50 | 94,386.66 | 264.74 | 94,651.40 | 14,790.14 | 9,271.34 | 4,979.00 | -- | -- | 446.30 | 79,175.52 | 39,567.76 | 259.65 | 22.72 | 39,870.18 |
| Weymouth | | 141,970.14 | -- | 1,951.59 | 137,553.03 | 2,465.62 | 140,018.65 | 24,048.03 | 12,261.01 | 1,371.00 | 119.50 | 4,418.33 | 3,880.22 | 115,504.10 | 58,066.71 | 1,118.48 | 114.30 | 59,299.67 |
| Worcester | | 750,553.07 | 154,336.67 | 26,481.02 | 569,440.78 | 342.60 | 569,783.38 | 154,884.00 | 110,500.75 | 10,465.10 | 27,264.07 | 3,574.69 | 2,581.39 | 414,584.78 | 208,384.39 | 112.50 | 58.00 | 208,525.69 |
| TOTAL for type of school | | 5,907,144.06 | 169,921.09 | 155,427.11 | 5,496,149.35 | 87,646.54 | 5,583,795.89 | 520,547.86 | 563,411.15 | 166,067.49 | 63,392.28 | 67,337.41 | 40,349.53 | 4,575,185.68 | 2,291,649.35 | 35,625.03 | 8,436.24 | 2,335,712.62 |
| GROUP 11a1 BOYS' BOWLING (boys) | | | | | | | | | | | | | | | | | | |
| Barnstable | | 1,500.00 | -- | -- | 1,500.00 | -- | 1,500.00 | 581.50 | 298.50 | 582.50 | -- | -- | -- | 528.70 | 319.35 | -- | -- | 849.35 |
| Weymouth | | 2,109.00 | 105.00 | 843.39 | 1,160.70 | -- | 1,160.70 | 916.80 | -- | 916.80 | -- | -- | -- | 244.10 | 122.05 | -- | -- | 122.05 |
| TOTAL for type of school | | 3,609.00 | 109.00 | 843.39 | 2,660.70 | -- | 2,660.70 | 1,777.90 | 298.50 | 1,479.10 | -- | -- | -- | 882.80 | 441.40 | -- | -- | 441.40 |
| GROUP 11b BOYS' BOWLING (girls) | | | | | | | | | | | | | | | | | | |
| Boston | | 172,055.79 | 2,205.22 | 3,608.35 | 180,869.22 | -- | 180,829.22 | 18,916.84 | 6,567.12 | 4,885.00 | -- | 7,324.62 | -- | 142,012.68 | 71,006.29 | -- | -- | 71,006.29 |
| Fall River - Bisan | | 25,723.27 | -- | -- | 25,723.27 | -- | 25,723.27 | 4,000.00 | -- | 3,800.00 | -- | -- | -- | 21,923.27 | 10,961.64 | -- | -- | 10,961.64 |
| Norwood - Henry O. Peabody | | 104,462.25 | -- | -- | 104,462.25 | -- | 104,462.25 | 49,765.99 | 15,650.56 | 4,146.00 | 21,867.96 | 8,081.48 | -- | 54,696.26 | 27,348.13 | -- | -- | 27,348.13 |
| Springfield | | 143,275.54 | -- | 1,594.11 | 141,681.43 | -- | 141,681.43 | 22,984.51 | 18,280.13 | 1,005.00 | 849.80 | 2,719.58 | -- | 118,727.12 | 59,366.86 | -- | -- | 59,366.86 |
| Taunton | | 6,264.10 | -- | 235.84 | 6,028.26 | -- | 6,028.26 | 5,677.60 | 1,222.60 | 4,405.00 | -- | -- | -- | 577.96 | 286.98 | -- | -- | 286.98 |
| Worcester - David Hale Fanning | | 208,569.99 | 2,016.70 | 5,619.81 | 199,233.41 | -- | 199,233.41 | 59,723.78 | 32,667.44 | 8,050.40 | 574.53 | 18,031.20 | 400.21 | 138,509.68 | 70,351.23 | -- | -- | 70,351.23 |
| TOTAL for type of school | | 658,640.94 | 10,224.92 | 11,120.56 | 637,295.14 | -- | 637,295.14 | 160,648.82 | 74,677.85 | 26,301.40 | 23,312.28 | 36,156.78 | 400.21 | 476,446.82 | 239,942.93 | -- | -- | 239,942.93 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|------------|-----------|----------|------------|--------|------------|-----------|-----------|-----------|-------|-----------|----------|------------|------------|--------|----|------------|
| GROUP 11b ¹ GIRLS TRADE LABORATORY | | | | | | | | | | | | | | | | | |
| Springfield | 269.50 | -- | -- | 269.50 | -- | 269.50 | 58.60 | 24.60 | -- | 34.00 | -- | -- | 210.90 | 106.45 | -- | -- | 106.45 |
| TOTAL for type of school | 269.50 | -- | -- | 269.50 | -- | 269.50 | 58.60 | 24.60 | -- | 34.00 | -- | -- | 210.90 | 106.45 | -- | -- | 106.45 |
| GROUP 11c. INDUSTRIAL DEPARTMENTS | | | | | | | | | | | | | | | | | |
| Boston | | | | | | | | | | | | | | | | | |
| Brighton | 89,685.03 | -- | 334.68 | 89,350.35 | -- | 89,350.35 | 15,623.69 | 1,330.51 | 8,592.00 | -- | 5,223.15 | 378.93 | 73,626.46 | 26,913.23 | -- | -- | 26,913.23 |
| Charlestown | 57,926.47 | 23,821.00 | -- | 64,106.47 | -- | 64,106.47 | 7,195.00 | 1,500.00 | 5,695.00 | -- | -- | -- | 56,910.47 | 28,455.23 | -- | -- | 28,455.23 |
| Dorchester | 60,021.40 | -- | 55.31 | 59,992.09 | -- | 59,992.09 | 7,500.11 | -- | 5,451.00 | -- | 2,399.11 | -- | 52,141.98 | 26,070.99 | -- | -- | 26,070.99 |
| East Boston | 30,121.69 | -- | 235.49 | 29,889.40 | -- | 29,889.40 | 4,156.00 | 600.00 | 2,931.00 | -- | 65.00 | 560.00 | 25,735.40 | 12,466.70 | -- | -- | 12,466.70 |
| Hyde Park | 49,568.25 | 3,755.00 | 125.35 | 46,609.32 | -- | 46,609.32 | 5,124.65 | 794.83 | 4,196.00 | -- | 113.32 | 20.50 | 40,488.27 | 20,242.64 | -- | -- | 20,242.64 |
| Roxbury | 62,446.00 | 745.00 | 1,718.01 | 59,982.92 | -- | 59,982.92 | 9,656.25 | 796.92 | 5,765.00 | -- | 1,604.40 | 1,491.93 | 50,326.67 | 25,164.33 | -- | -- | 25,164.33 |
| South Boston | 39,663.15 | 2,256.00 | 451.50 | 36,478.65 | -- | 36,478.65 | 5,072.95 | -- | 3,701.00 | 89.00 | 1,007.45 | 275.50 | 31,402.70 | 15,701.35 | -- | -- | 15,701.35 |
| TOTAL for type of school | 419,660.19 | 31,357.00 | 2,497.59 | 385,405.60 | -- | 385,405.60 | 54,571.65 | 5,022.86 | 36,323.00 | 89.00 | 10,411.45 | 2,726.86 | 330,826.36 | 165,413.47 | -- | -- | 165,413.47 |
| 12a. PART-TIME CO-OPERATIVE TRADE SCHOOLS | | | | | | | | | | | | | | | | | |
| Arlington | 5,108.22 | -- | -- | 5,097.42 | 10.80 | 5,108.22 | 522.00 | 330.00 | 262.00 | -- | -- | -- | 4,515.42 | 2,257.71 | 5.40 | -- | 2,263.11 |
| Beverly | 17,275.76 | -- | 302.63 | 16,971.13 | -- | 16,971.13 | 4,285.10 | 2,742.00 | 1,340.00 | -- | 24.55 | 162.25 | 13,682.35 | 6,341.17 | -- | -- | 6,341.17 |
| Boston | | | | | | | | | | | | | | | | | |
| Brighton | 25,337.15 | -- | 99.57 | 25,225.16 | 9.00 | 25,225.16 | -- | -- | -- | -- | -- | -- | 25,225.16 | 12,614.09 | 4.50 | -- | 12,618.59 |
| Charlestown | 35,910.12 | -- | -- | 35,910.12 | -- | 35,910.12 | -- | -- | -- | -- | -- | -- | 35,910.12 | 17,950.06 | -- | -- | 17,950.06 |
| Dorchester | 12,551.55 | -- | 10.24 | 12,571.51 | -- | 12,571.51 | -- | -- | -- | -- | -- | -- | 12,571.51 | 6,285.66 | -- | -- | 6,285.66 |
| East Boston | 20,210.32 | -- | -- | 20,210.32 | -- | 20,210.32 | -- | -- | -- | -- | -- | -- | 20,210.32 | 10,140.16 | -- | -- | 10,140.16 |
| Hyde Park | 21,111.36 | -- | 11.49 | 21,099.87 | -- | 21,099.87 | -- | -- | -- | -- | -- | -- | 21,099.87 | 10,549.93 | -- | -- | 10,549.93 |
| Roxbury | 26,651.02 | -- | 157.20 | 26,651.02 | -- | 26,651.02 | -- | -- | -- | -- | -- | -- | 26,651.02 | 14,325.51 | -- | -- | 14,325.51 |
| South Boston | 11,465.31 | -- | -- | 11,465.31 | -- | 11,465.31 | -- | -- | -- | -- | -- | -- | 11,465.31 | 5,732.66 | -- | -- | 5,732.66 |
| Haverhill | 2,201.24 | -- | -- | 2,201.24 | -- | 2,201.24 | -- | -- | -- | -- | -- | -- | 2,201.24 | 1,100.62 | -- | -- | 1,100.62 |
| Holyoke | 20,424.99 | -- | -- | 20,424.99 | -- | 20,424.99 | 2,113.15 | 1,658.15 | 525.00 | -- | -- | -- | 18,311.84 | 9,155.92 | -- | -- | 9,155.92 |
| Newton | 2,750.65 | -- | -- | 2,750.65 | -- | 2,750.65 | 1,475.36 | 775.36 | 605.00 | -- | -- | -- | 1,272.27 | 638.14 | -- | -- | 638.14 |
| Pittsfield | 6,126.00 | -- | -- | 6,126.00 | -- | 6,126.00 | 1,156.00 | 794.00 | 452.00 | -- | -- | -- | 4,964.00 | 2,492.00 | -- | -- | 2,492.00 |
| Southbridge | 1,776.45 | -- | -- | 1,776.45 | -- | 1,776.45 | 1,251.52 | 1,251.52 | -- | -- | -- | -- | 7,524.93 | 3,762.47 | -- | -- | 3,762.47 |
| Springfield | 19,433.14 | -- | -- | 19,433.14 | -- | 19,433.14 | 5,744.70 | 4,716.70 | 1,026.00 | -- | -- | -- | 14,088.44 | 7,044.22 | -- | -- | 7,044.22 |
| Waltham | 300.00 | -- | -- | 300.00 | -- | 300.00 | -- | -- | -- | -- | -- | -- | 300.00 | 150.00 | -- | -- | 150.00 |
| Westfield | 1,926.80 | -- | -- | 1,400.00 | 526.80 | 1,926.80 | -- | -- | -- | -- | -- | -- | 1,400.00 | 700.00 | 265.40 | -- | 983.40 |
| TOTAL for type of school | 240,299.35 | -- | 581.53 | 239,171.22 | 546.60 | 239,171.22 | 15,584.55 | 12,207.75 | 4,180.00 | -- | 24.55 | 162.25 | 222,576.67 | 111,218.35 | 273.30 | -- | 111,561.65 |
| GROUP 12c. INDUSTRIAL (men) | | | | | | | | | | | | | | | | | |
| Arlington | 3,910.63 | -- | -- | 3,756.73 | 153.90 | 3,910.63 | 972.86 | 127.20 | 775.36 | 79.00 | -- | -- | 2,764.17 | 1,392.06 | 76.95 | -- | 1,469.03 |
| Attleboro | 1,272.70 | -- | -- | 1,240.00 | 32.70 | 1,272.70 | 1,721.80 | 721.00 | 1,000.00 | -- | -- | -- | 481.80 | -- | 16.35 | -- | 16.35 |
| Beverly | 2,448.97 | -- | 23.26 | 2,245.71 | 202.00 | 2,425.71 | 745.50 | 745.60 | -- | -- | -- | -- | 1,478.21 | 739.11 | 101.00 | -- | 849.11 |



| 12c. (continued) | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|--------------------------|------------|--------|----------|----------|------------|----------|------------|-----------|-----------|-----------|----------|----------|-------|------------|-----------|----------|----|-----------|
| Boston | 30,101.22 | -- | -- | -- | 29,999.12 | 502.10 | 30,101.22 | 3,659.66 | 2,100.16 | 604.00 | 687.00 | 208.41 | -- | 26,939.66 | 12,969.78 | 251.06 | -- | 13,220.28 |
| Brookton | 6,396.69 | -- | -- | 1,491.24 | 4,899.41 | 15.00 | 4,908.41 | 652.98 | 298.20 | 807.76 | 47.00 | -- | -- | 4,246.46 | 2,123.23 | 3.00 | -- | 2,126.23 |
| Chicopee | 5,444.24 | -- | -- | -- | 4,781.00 | 663.24 | 5,444.24 | -- | -- | -- | -- | -- | -- | 4,781.00 | 2,390.80 | 331.62 | -- | 2,722.12 |
| Fall River | 721.10 | -- | -- | -- | 335.00 | 416.10 | 721.10 | 35.00 | 16.80 | -- | 16.80 | -- | -- | 770.00 | 155.00 | 208.06 | -- | 363.06 |
| Fitchburg | 3,872.65 | -- | -- | -- | 3,609.25 | 263.40 | 3,872.65 | 1,649.10 | 708.40 | 982.70 | -- | -- | -- | 1,920.15 | 960.08 | 131.70 | -- | 1,091.76 |
| Framingham | 6,561.97 | 22.80 | 93.66 | -- | 6,204.69 | 241.19 | 6,446.78 | 1,193.00 | 690.00 | 809.00 | -- | -- | -- | 5,011.69 | 2,506.79 | 120.60 | -- | 2,626.39 |
| Gloucester | 488.62 | -- | -- | 16.12 | 136.50 | 336.00 | 473.40 | -- | -- | -- | -- | -- | -- | 136.50 | 68.25 | 168.48 | -- | 236.78 |
| Greenfield | 1,861.64 | -- | -- | -- | 1,762.24 | 99.60 | 1,861.64 | 1,672.80 | 81.60 | 1,591.20 | -- | -- | -- | 89.44 | 44.72 | 49.80 | -- | 94.52 |
| Haverhill | 8,679.53 | -- | -- | 22.17 | 8,392.86 | 274.50 | 8,667.36 | 2,704.20 | 2,011.80 | 551.00 | 161.45 | -- | -- | 5,286.78 | 2,642.38 | 157.15 | -- | 2,780.63 |
| Holyoke | 7,766.38 | -- | -- | 23.20 | 7,226.98 | 494.19 | 7,226.18 | 359.10 | 346.50 | -- | 496.00 | 16.00 | -- | 5,369.68 | 2,184.94 | 247.10 | -- | 3,438.04 |
| Lawrence | 16,226.11 | -- | -- | -- | 16,390.91 | 434.20 | 16,225.11 | 2,094.90 | 2,024.70 | -- | 70.25 | -- | -- | 14,296.01 | 7,148.00 | 217.10 | -- | 7,366.10 |
| Leominster | 4,807.50 | -- | -- | -- | 4,402.60 | 106.00 | 4,807.50 | 3,286.15 | 1,288.15 | 2,000.00 | -- | -- | -- | 1,114.35 | 557.18 | 52.60 | -- | 609.68 |
| Lowell | 2,757.72 | -- | -- | -- | 2,582.32 | 176.40 | 2,757.72 | 917.60 | 306.40 | 111.20 | -- | -- | -- | 1,664.72 | 832.36 | 87.70 | -- | 820.06 |
| Lynn Shoe | 10,861.93 | 340.92 | 691.75 | -- | 9,629.26 | -- | 9,629.26 | 2,939.98 | 1,890.60 | -- | 51.50 | 1,497.98 | -- | 6,689.28 | 3,344.64 | -- | -- | 3,344.64 |
| Lynn Trade | 11,110.48 | -- | -- | -- | 11,006.84 | 103.64 | 11,110.48 | 2,067.80 | 1,591.80 | -- | 468.00 | 5.00 | -- | 8,389.34 | 4,469.37 | 51.62 | -- | 4,481.49 |
| Malden | 2,218.22 | -- | -- | -- | 2,165.02 | 35.20 | 2,218.22 | 84.60 | 44.80 | -- | -- | -- | -- | 2,078.42 | 1,039.21 | 27.60 | -- | 1,066.61 |
| Marlboro | 2,413.19 | -- | -- | -- | 2,226.39 | 167.00 | 2,413.19 | 914.35 | 417.60 | 450.00 | -- | -- | 46.75 | 1,311.04 | 656.52 | 93.90 | -- | 749.42 |
| Nedford | 656.80 | -- | -- | -- | 499.00 | 157.80 | 656.80 | 513.60 | 471.50 | -- | 42.00 | -- | -- | 14.80 | -- | 76.90 | -- | 72.90 |
| New Bedford | 16,760.76 | -- | -- | -- | 16,760.76 | -- | 16,760.76 | 1,952.70 | 1,952.70 | -- | -- | -- | -- | 14,808.06 | 7,404.03 | -- | -- | 7,404.03 |
| Newton | 7,739.50 | -- | -- | -- | 7,708.30 | 31.20 | 7,739.50 | 4,735.00 | 1,371.00 | 3,100.00 | 262.00 | -- | -- | 2,975.30 | 1,487.65 | 16.60 | -- | 1,503.25 |
| Northampton | 627.00 | -- | -- | -- | 595.00 | 72.00 | 627.00 | 482.35 | 250.35 | -- | 21.00 | -- | -- | 272.65 | 136.32 | 36.00 | -- | 172.32 |
| Norwood | 1,256.40 | -- | -- | -- | 1,062.00 | 194.40 | 1,256.40 | -- | -- | -- | -- | -- | -- | 1,062.00 | 521.00 | 97.20 | -- | 626.20 |
| Pittsfield | 4,252.66 | -- | -- | -- | 4,252.66 | -- | 4,252.66 | 922.10 | 261.60 | 660.50 | -- | -- | -- | 3,330.46 | 1,666.23 | -- | -- | 1,666.23 |
| Quincy | 3,213.03 | -- | -- | -- | 3,128.69 | 84.34 | 3,213.03 | 645.00 | 345.00 | 300.00 | -- | -- | -- | 2,483.89 | 1,241.94 | 42.07 | -- | 1,284.01 |
| Salem | 2,369.30 | -- | -- | -- | 1,999.30 | 370.00 | 2,369.30 | 632.00 | 632.00 | -- | -- | -- | -- | 1,167.30 | 583.65 | 165.85 | -- | 785.95 |
| Somerville | 998.16 | -- | -- | -- | 832.72 | 165.44 | 998.16 | 72.00 | 72.00 | -- | -- | -- | -- | 780.72 | 380.36 | 62.72 | -- | 463.08 |
| Southbridge | 1,356.05 | -- | -- | -- | 1,226.83 | 129.22 | 1,356.05 | 130.00 | 104.80 | -- | 25.20 | -- | -- | 1,095.83 | 547.91 | 65.40 | -- | 613.31 |
| Springfield | 22,089.77 | -- | -- | 593.30 | 21,696.47 | -- | 21,696.47 | 12,220.56 | 5,228.30 | 4,010.80 | 2,991.46 | -- | -- | 9,475.91 | 4,737.95 | -- | -- | 4,737.95 |
| Taunton | 1,474.40 | -- | -- | -- | 1,202.00 | 272.40 | 1,474.40 | 135.60 | 135.60 | -- | -- | -- | -- | 1,066.40 | 533.20 | 136.20 | -- | 669.40 |
| Waltham | 3,594.80 | -- | -- | -- | 3,436.00 | 158.80 | 3,594.80 | 3,393.60 | 828.60 | 2,565.00 | -- | -- | -- | 42.40 | 51.20 | 76.42 | -- | 100.60 |
| Westfield | 3,660.62 | -- | -- | 76.00 | 3,382.68 | 262.74 | 3,660.62 | 479.00 | 226.00 | 150.00 | 101.00 | -- | -- | 2,553.88 | 1,426.94 | 126.37 | -- | 1,553.31 |
| Weymouth | 576.40 | -- | -- | -- | 478.00 | 98.40 | 576.40 | 91.80 | 91.80 | -- | -- | -- | -- | 386.20 | 193.10 | 49.20 | -- | 242.50 |
| Worcester | 34,820.67 | -- | -- | -- | 34,820.67 | -- | 34,820.67 | 10,954.25 | 7,794.00 | 3,160.25 | -- | -- | -- | 23,666.42 | 11,933.21 | -- | -- | 11,933.21 |
| TOTAL for type of school | 235,657.95 | 383.42 | 3,036.72 | 3,036.72 | 225,620.01 | 6,736.70 | 232,256.71 | 65,570.12 | 35,646.35 | 22,602.77 | 5,483.26 | 1,790.99 | 46.75 | 160,560.58 | 80,027.13 | 3,347.85 | -- | 33,476.18 |
| GROUP 12d APPRENTICESHIP | | | | | | | | | | | | | | | | | | |
| Attleboro | 684.10 | -- | -- | -- | 544.00 | 140.10 | 684.10 | -- | -- | -- | -- | -- | -- | 62.20 | 31.10 | 70.05 | -- | 101.16 |
| Barnstable | 294.19 | -- | -- | -- | 294.19 | -- | 294.19 | 710.00 | 110.00 | 600.00 | -- | -- | -- | 418.81 | -- | -- | -- | -- |
| Beverly | 2,090.37 | -- | -- | -- | 1,951.77 | 138.60 | 2,090.37 | 1,295.75 | 498.75 | 800.00 | -- | -- | -- | 656.02 | 328.01 | 69.30 | -- | 197.31 |
| Boston | 51,420.99 | -- | -- | -- | 51,298.19 | 127.80 | 51,420.99 | 23,804.06 | 8,170.06 | 16,634.00 | -- | -- | -- | 27,489.14 | 13,744.67 | 55.75 | -- | 13,808.47 |
| Brookton | 7,393.11 | -- | -- | -- | 7,393.11 | 46.60 | 7,393.11 | 1,066.80 | 1,066.80 | -- | 117.00 | -- | -- | 5,537.91 | 2,768.98 | 24.40 | -- | 2,793.25 |
| Fitchburg | 3,746.71 | -- | -- | -- | 3,746.71 | -- | 3,746.71 | 1,738.20 | 1,738.20 | -- | -- | -- | -- | 2,007.51 | 1,003.75 | -- | -- | 1,003.75 |
| Gloucester | 251.80 | -- | -- | -- | 167.00 | 84.80 | 251.80 | -- | -- | -- | -- | -- | -- | 137.00 | 78.60 | 47.40 | -- | 125.90 |
| Greenfield | 938.38 | -- | -- | -- | 938.38 | -- | 938.38 | 248.40 | 248.40 | -- | -- | -- | -- | 689.98 | 344.99 | -- | -- | 344.99 |
| Haverhill | 2,678.03 | -- | -- | -- | 2,669.49 | 8.54 | 2,678.03 | 3,061.40 | 1,037.40 | 2,000.00 | 24.00 | -- | -- | 391.91 | -- | 4.27 | -- | 4.27 |
| Holyoke | 3,878.94 | -- | -- | -- | 3,805.66 | 70.38 | 3,878.94 | 620.20 | 620.20 | -- | -- | -- | -- | 2,988.36 | 1,494.18 | 55.15 | -- | 1,629.57 |

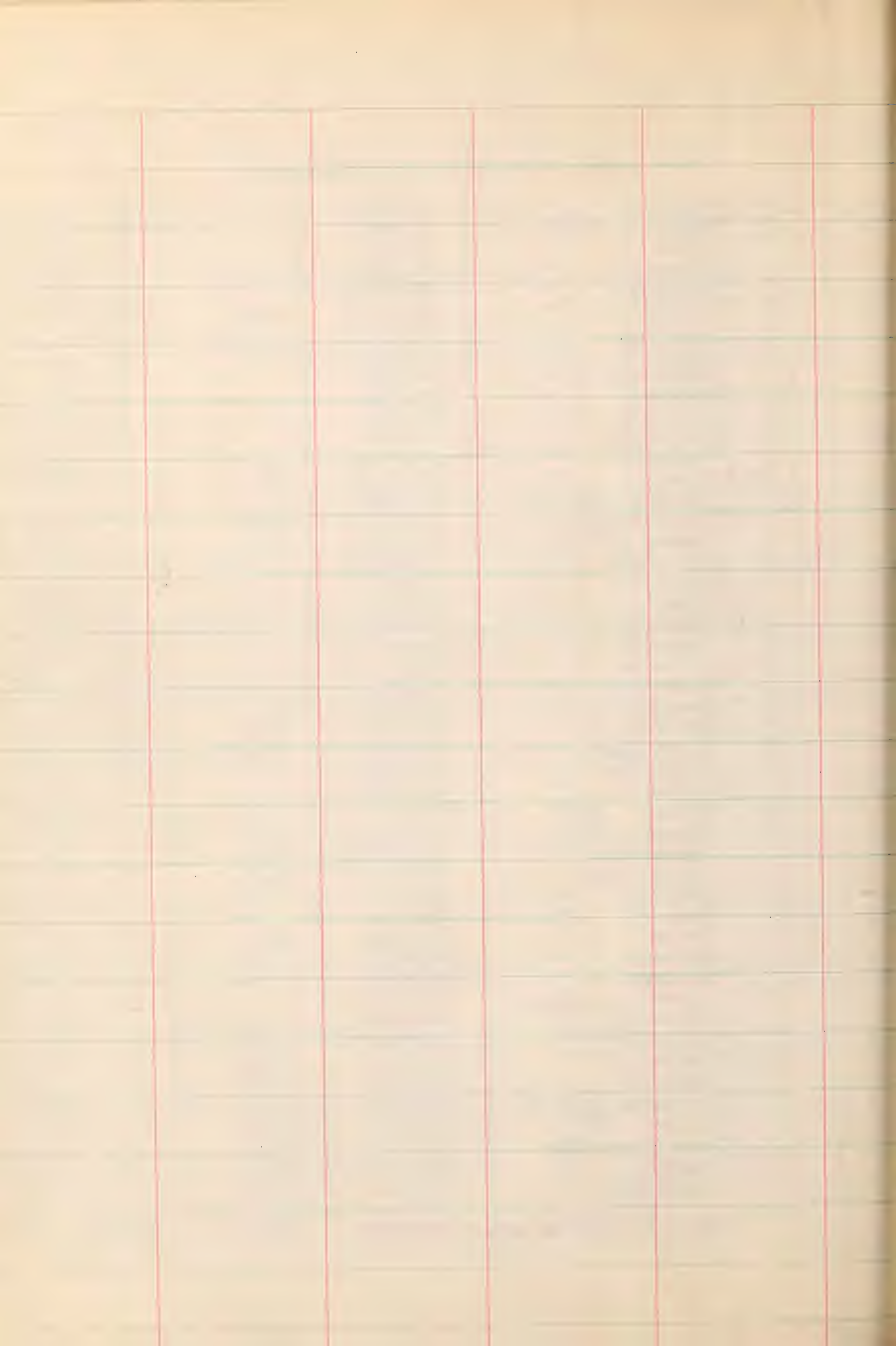


| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---------------------------------------|------------|----------|-----------|------------|----------|------------|-----------|-----------|-----------|----------|-----------|----|------------|------------|----------|----|------------|
| 12d (continued) | | | | | | | | | | | | | | | | | |
| Lawrence | 3,410.67 | -- | -- | 3,261.87 | 148.80 | 3,410.67 | 1,216.80 | 316.80 | 900.00 | -- | -- | -- | 2,045.07 | 1,022.64 | 74.40 | -- | 1,096.94 |
| Leominster | 1,872.90 | -- | -- | 1,426.50 | 446.40 | 1,872.90 | -- | -- | -- | -- | -- | -- | 1,426.50 | 713.26 | 223.20 | -- | 956.46 |
| Lowell | 2,703.98 | -- | -- | 2,643.68 | 60.10 | 2,703.98 | -- | -- | -- | -- | -- | -- | 2,643.68 | 1,321.94 | 30.06 | -- | 1,361.99 |
| Lynn | 3,407.66 | -- | -- | 3,231.71 | 175.94 | 3,407.66 | 2,047.00 | 1,047.00 | 1,000.00 | -- | -- | -- | 1,184.71 | 592.36 | 87.97 | -- | 680.35 |
| Malden | 3,791.21 | -- | -- | 2,957.23 | 833.98 | 3,791.21 | 862.60 | 862.60 | -- | -- | -- | -- | 2,094.63 | 1,047.32 | 416.99 | -- | 1,464.31 |
| Marlboro | 1,717.06 | -- | -- | 1,706.06 | 9.00 | 1,717.06 | 674.40 | 674.40 | -- | -- | -- | -- | 1,033.66 | 616.82 | 4.88 | -- | 521.32 |
| Medford | 9,256.99 | -- | -- | 7,900.77 | 1,356.22 | 9,256.99 | 6,593.50 | 5,543.30 | -- | -- | -- | -- | #2,292.77 | 1,146.39 | MYN.11 | -- | 1,826.50 |
| New Bedford | 3,060.60 | -- | -- | 3,060.50 | -- | 3,060.50 | 562.67 | 562.67 | -- | -- | -- | -- | 2,497.83 | 1,243.91 | -- | -- | 1,248.91 |
| Newton | 3,746.13 | -- | -- | 3,644.19 | 103.94 | 3,746.13 | 996.40 | 996.40 | -- | -- | -- | -- | 2,646.79 | 1,321.89 | 51.97 | -- | 1,374.86 |
| Northampton | 778.90 | -- | -- | 582.00 | 196.90 | 778.90 | -- | -- | -- | -- | -- | -- | 582.00 | 291.00 | 96.46 | -- | 389.45 |
| Pittsfield | 23,277.90 | -- | -- | 23,277.90 | -- | 23,277.90 | 10,000.00 | 10,000.00 | -- | -- | -- | -- | 13,277.90 | 6,636.96 | -- | -- | 6,636.96 |
| Quincy | 4,816.36 | -- | -- | 3,764.12 | 1,110.44 | 4,816.36 | 594.00 | 594.00 | -- | -- | -- | -- | 3,110.92 | 1,556.46 | 566.32 | -- | 2,110.68 |
| Southbridge | 461.46 | -- | -- | 431.46 | 30.00 | 461.46 | 56.00 | 56.00 | 252.00 | -- | -- | -- | 122.66 | 51.35 | 15.00 | -- | 76.35 |
| Springfield | 12,676.91 | -- | -- | 12,676.91 | -- | 12,676.91 | 1,370.64 | 1,370.64 | -- | -- | -- | -- | 11,506.27 | 5,753.14 | -- | -- | 5,753.14 |
| Taunton | 2,156.72 | -- | -- | 2,122.00 | 34.72 | 2,156.72 | 1,553.60 | 753.60 | 600.00 | -- | -- | -- | 566.40 | 264.20 | 17.36 | -- | 301.56 |
| Weymouth | 1,681.31 | -- | -- | 1,264.91 | 386.40 | 1,681.31 | 463.20 | 463.20 | -- | -- | -- | -- | 841.71 | 415.88 | 193.20 | -- | 609.08 |
| Worcester | 6,356.70 | -- | -- | 6,321.90 | 16.00 | 6,356.70 | 1,658.00 | 1,654.00 | 304.80 | -- | -- | -- | 4,963.10 | 2,481.56 | 5.40 | -- | 2,469.96 |
| TOTAL for type of school | 156,233.96 | -- | -- | 153,693.50 | 6,540.46 | 156,233.96 | 61,589.01 | 5,157.21 | 22,290.80 | 141.00 | -- | -- | 93,223.63 | 46,207.96 | 2,770.33 | -- | 46,976.19 |
| GROUP II CONTINUATION SCHOOLS | | | | | | | | | | | | | | | | | |
| Boston | 12,950.11 | -- | -- | 12,950.11 | -- | 12,950.11 | 238.00 | 238.00 | -- | -- | -- | -- | 12,712.11 | 6,356.06 | -- | -- | 6,356.06 |
| TOTAL for type of school | 12,950.11 | -- | -- | 12,950.11 | -- | 12,950.11 | 238.00 | 238.00 | -- | -- | -- | -- | 12,712.11 | 6,356.06 | -- | -- | 6,356.06 |
| GROUP IIIa DAY HOUSE OLD ARTS SCHOOLS | | | | | | | | | | | | | | | | | |
| Cambridge | 14,427.76 | -- | -- | 14,427.76 | -- | 14,427.76 | 219.00 | -- | 219.00 | -- | -- | -- | 14,208.76 | 7,104.38 | -- | -- | 7,104.38 |
| Essex County | 95,406.46 | 1,116.50 | 3,476.27 | 94,811.69 | -- | 94,811.69 | 15,229.16 | -- | 3,838.00 | 749.44 | 10,632.72 | -- | 79,662.63 | 39,791.27 | -- | -- | 39,791.27 |
| Everett | 17,365.22 | -- | 3,039.69 | 14,295.53 | -- | 14,295.53 | 540.32 | 328.32 | 212.00 | -- | -- | -- | 13,755.21 | 6,877.60 | -- | -- | 6,877.60 |
| Fall River | 26,443.14 | -- | -- | 26,443.14 | -- | 26,443.14 | 4,200.00 | 613.18 | 850.00 | 762.50 | 1,764.32 | -- | 22,243.14 | 11,121.57 | -- | -- | 11,121.57 |
| Fitchburg | 7,542.19 | -- | -- | 7,542.19 | -- | 7,542.19 | 548.00 | 387.50 | 161.00 | -- | -- | -- | 6,993.39 | 3,496.70 | -- | -- | 3,496.70 |
| Holyoke | 7,777.74 | -- | -- | 7,657.94 | 319.80 | 7,777.74 | 176.00 | -- | 175.00 | -- | -- | -- | 7,292.94 | 3,641.47 | 159.90 | -- | 3,201.37 |
| Lowell | 74,232.96 | -- | -- | 74,232.96 | -- | 74,232.96 | 20,085.09 | 6,162.50 | 854.00 | -- | -- | -- | 58,347.87 | 26,673.94 | -- | -- | 26,673.94 |
| New Bedford | 127,347.79 | -- | 3,772.11 | 123,625.67 | -- | 123,625.67 | 32,923.66 | 10,143.32 | 4,852.00 | 5,991.87 | 11,896.27 | -- | 90,702.01 | 45,351.00 | -- | -- | 45,341.00 |
| Northampton | 44,301.98 | 2,171.67 | 2,112.47 | 40,017.84 | -- | 40,017.84 | 7,998.76 | 4,743.46 | 1,473.00 | 1,782.29 | -- | -- | 32,019.09 | 16,009.65 | -- | -- | 16,009.65 |
| Springfield | 9,556.90 | -- | 295.93 | 9,260.97 | -- | 9,260.97 | 3,701.70 | 3,254.70 | 447.00 | -- | -- | -- | 6,559.27 | 2,779.64 | -- | -- | 2,779.64 |
| Taunton | 12,349.14 | -- | -- | 12,349.14 | -- | 12,349.14 | -- | -- | -- | -- | -- | -- | 12,349.14 | 6,174.57 | -- | -- | 6,174.57 |
| Worcester | 42,930.13 | -- | -- | 42,930.13 | -- | 42,930.13 | 9,950.46 | 7,499.27 | 983.16 | -- | 1,088.03 | -- | 32,979.75 | 17,066.26 | -- | -- | 17,066.26 |
| TOTAL for type of school | 483,701.46 | 3,288.17 | 12,698.47 | 467,595.02 | 319.80 | 467,714.12 | 86,371.94 | 33,752.75 | 14,084.16 | 9,316.10 | 39,219.93 | -- | 371,023.06 | 186,106.95 | 149.90 | -- | 186,266.85 |

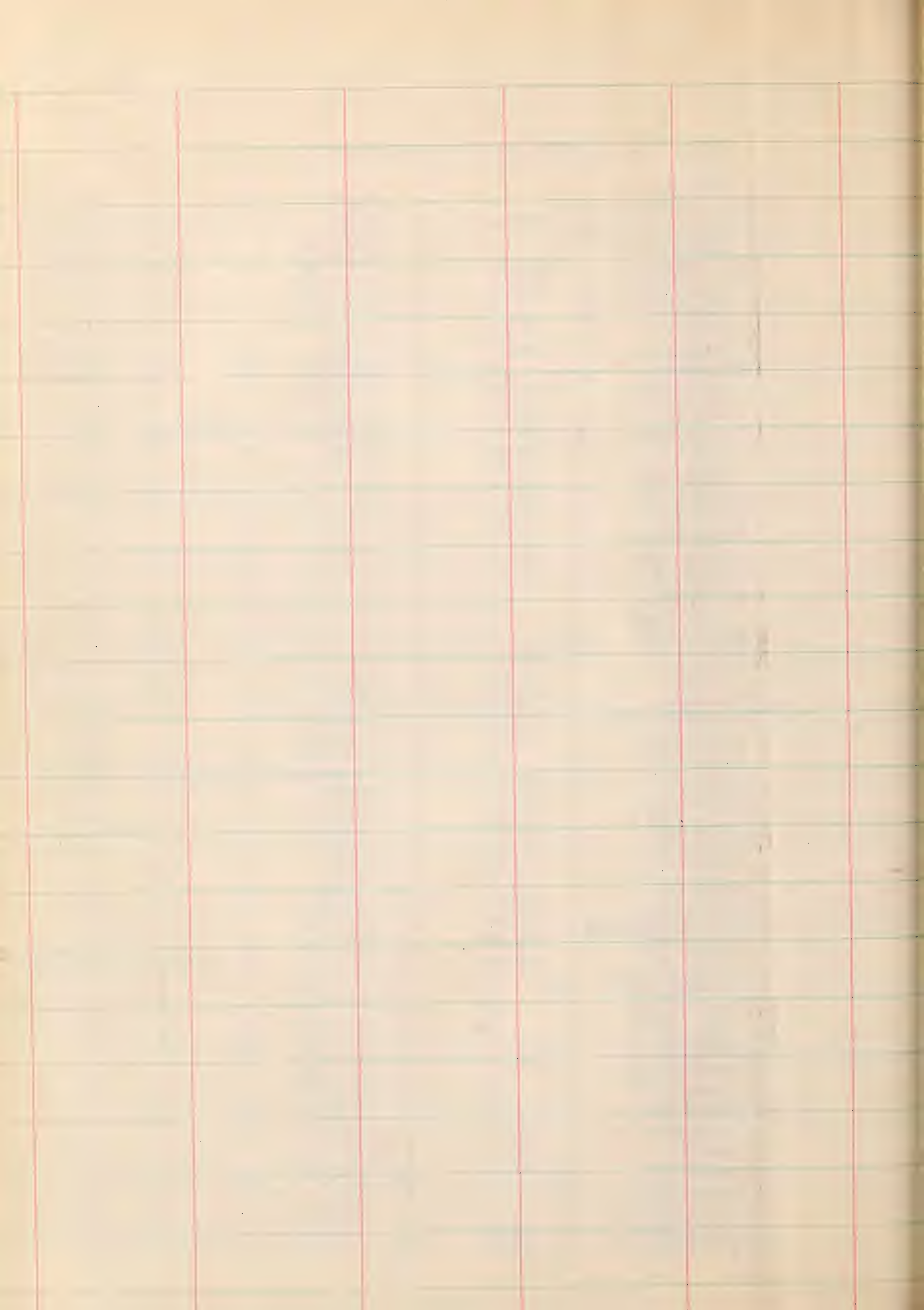
GRAND HILL DAY REGIONAL ARTS LEAD -- 75

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|--------------------------|------------|--------|----------|------------|----------|------------|-----------|-----------|-----------|----------|----------|----------|------------|------------|--------|----|------------|
| Adams | 6,167.94 | -- | -- | 6,167.94 | -- | 6,167.94 | 892.58 | 892.51 | -- | -- | -- | -- | 5,478.36 | 2,765.68 | -- | -- | 2,765.68 |
| Agawam | 5,988.79 | -- | -- | 5,988.09 | 404.70 | 5,988.79 | -- | -- | -- | -- | -- | -- | 5,844.09 | 2,792.04 | 208.34 | -- | 2,994.39 |
| Avon | 2,416.32 | -- | -- | 2,416.32 | -- | 2,416.32 | -- | -- | -- | -- | -- | -- | 2,416.32 | 1,208.16 | -- | -- | 1,208.16 |
| Barnstable | 6,164.34 | -- | 85.70 | 6,088.64 | -- | 6,088.64 | -- | -- | -- | -- | -- | -- | 6,088.64 | 3,044.32 | -- | -- | 3,044.32 |
| Beverly | 10,468.16 | -- | -- | 10,468.16 | -- | 10,468.16 | -- | -- | -- | -- | -- | -- | 10,468.16 | 5,234.08 | -- | -- | 5,234.08 |
| Bourne | 7,087.92 | 24.33 | 95.68 | 6,947.91 | -- | 6,947.91 | -- | -- | -- | -- | -- | -- | 6,947.91 | 3,473.95 | -- | -- | 3,473.95 |
| Brookton | 10,165.80 | -- | -- | 10,165.80 | -- | 10,165.80 | -- | -- | -- | -- | -- | -- | 10,165.80 | 5,082.90 | -- | -- | 5,082.90 |
| Charlton | 2,804.70 | -- | 61.07 | 2,743.63 | -- | 2,743.63 | -- | -- | -- | -- | -- | -- | 2,743.63 | 1,371.82 | -- | -- | 1,371.82 |
| Dartmouth | 2,917.22 | -- | -- | 2,763.90 | 136.32 | 2,917.22 | -- | -- | -- | -- | -- | -- | 2,763.90 | 1,391.95 | 66.66 | -- | 1,458.61 |
| Duxbury | 4,918.80 | -- | -- | 4,918.80 | -- | 4,918.80 | 412.50 | -- | 412.50 | -- | -- | -- | 4,906.30 | 2,453.15 | -- | -- | 2,453.15 |
| Easton | 4,304.82 | -- | -- | 4,304.82 | -- | 4,304.82 | -- | -- | -- | -- | -- | -- | 4,304.82 | 2,152.41 | -- | -- | 2,152.41 |
| Fall River | 3,434.34 | -- | -- | 3,434.34 | -- | 3,434.34 | -- | -- | -- | -- | -- | -- | 3,434.34 | 1,717.17 | -- | -- | 1,717.17 |
| Falmouth | 4,189.25 | -- | -- | 4,189.25 | -- | 4,189.25 | 900.08 | 900.08 | 3,275.00 | -- | -- | -- | 3,289.17 | 1,644.59 | -- | -- | 1,644.59 |
| Foxboro | 6,676.44 | -- | 49.03 | 6,627.41 | -- | 6,627.41 | 3,275.00 | -- | -- | -- | -- | 3,450.00 | 5,862.41 | 2,776.20 | -- | -- | 2,776.20 |
| Frontier Regional | 5,953.80 | -- | -- | 5,953.80 | -- | 5,953.80 | 3,450.00 | -- | -- | -- | -- | -- | # 2,379.75 | 1,189.87 | -- | -- | 1,189.87 |
| Greenfield | 17,819.62 | -- | 19.45 | 17,800.17 | -- | 17,800.17 | 501.12 | 501.12 | 3,100.00 | -- | -- | -- | 17,099.08 | 8,689.53 | -- | -- | 8,689.53 |
| Hadley | 3,479.24 | -- | -- | 3,229.24 | 250.00 | 3,479.24 | 3,100.00 | -- | 3,100.00 | 855.00 | -- | -- | 129.24 | 64.62 | 125.00 | -- | 189.62 |
| Haverhill | 25,403.38 | -- | -- | 25,403.38 | -- | 25,403.38 | 1,227.65 | 372.65 | -- | -- | -- | -- | 27,178.73 | 13,587.86 | -- | -- | 13,587.86 |
| Holliston | 5,249.14 | -- | -- | 5,249.14 | -- | 5,249.14 | -- | -- | -- | -- | -- | -- | 5,249.14 | 2,624.57 | -- | -- | 2,624.57 |
| Hudson | 5,821.95 | -- | -- | 5,821.95 | -- | 5,821.95 | 900.00 | 900.00 | -- | -- | -- | -- | 5,021.95 | 2,510.98 | -- | -- | 2,510.98 |
| Lee | 3,956.14 | -- | -- | 3,956.14 | -- | 3,956.14 | 156.25 | 156.25 | -- | -- | -- | -- | 3,799.89 | 1,899.94 | -- | -- | 1,899.94 |
| Lexington | 5,034.47 | -- | -- | 5,034.47 | -- | 5,034.47 | 333.33 | -- | 633.33 | -- | -- | -- | 4,501.14 | 2,250.57 | -- | -- | 2,250.57 |
| Littleton | 100.00 | -- | -- | 100.00 | -- | 100.00 | 100.00 | -- | 100.00 | -- | -- | -- | -- | -- | -- | -- | -- |
| Marshfield | 4,331.17 | -- | -- | 4,331.17 | -- | 4,331.17 | -- | -- | -- | 225.00 | -- | -- | 4,831.17 | 2,415.58 | -- | -- | 2,415.58 |
| Newburyport | 6,646.95 | -- | -- | 6,646.95 | -- | 6,646.95 | 3,605.86 | 3,300.86 | -- | -- | -- | -- | 3,041.12 | 1,520.56 | -- | -- | 1,520.56 |
| New Salem | 5,426.49 | 21.99 | 19.43 | 5,138.07 | -- | 5,138.07 | 3,792.00 | 3,792.00 | -- | -- | -- | -- | 1,398.07 | 23.12 | -- | -- | 23.12 |
| North Adams | 8,104.61 | -- | 104.20 | 8,090.41 | -- | 8,090.41 | -- | -- | -- | -- | -- | -- | 8,090.41 | 4,045.20 | -- | -- | 4,045.20 |
| Northbridge | 7,831.14 | -- | -- | 7,831.14 | -- | 7,831.14 | 4,855.75 | 4,855.75 | -- | -- | -- | -- | 2,972.39 | 1,486.19 | -- | -- | 1,486.19 |
| Norton | 4,034.09 | -- | -- | 4,034.09 | -- | 4,034.09 | -- | -- | -- | -- | -- | -- | 4,034.09 | 2,017.05 | -- | -- | 2,017.05 |
| Orange | 4,397.37 | -- | -- | 4,397.37 | -- | 4,397.37 | 165.75 | 165.75 | -- | -- | -- | -- | 4,241.82 | 2,120.81 | -- | -- | 2,120.81 |
| Palmer | 6,262.56 | -- | 54.35 | 6,160.01 | 21.20 | 6,160.01 | -- | -- | -- | -- | 155.66 | -- | 6,100.01 | 3,050.00 | 14.10 | -- | 3,094.10 |
| Pittsfield | 11,239.33 | -- | -- | 11,239.33 | -- | 11,239.33 | 1,033.56 | 880.00 | -- | -- | -- | -- | 10,206.77 | 5,102.89 | -- | -- | 5,102.89 |
| Provincetown | 1,387.43 | -- | 117.45 | 1,349.98 | -- | 1,349.98 | 195.00 | 495.00 | 316.87 | -- | -- | -- | 1,354.98 | 677.49 | -- | -- | 677.49 |
| Randolph | 7,305.93 | -- | -- | 7,305.93 | -- | 7,305.93 | 316.87 | -- | -- | -- | -- | -- | 7,289.26 | 3,644.63 | -- | -- | 3,644.63 |
| Salmon Falls | 4,330.65 | -- | -- | 4,330.65 | -- | 4,330.65 | -- | -- | 8,699.83 | -- | -- | -- | 4,530.65 | 2,265.32 | -- | -- | 2,265.32 |
| Saugus | 10,312.64 | -- | 71.12 | 10,312.64 | -- | 10,312.64 | 8,399.93 | -- | -- | -- | -- | -- | 1,612.71 | 806.36 | -- | -- | 806.36 |
| Scituate | 6,300.01 | -- | -- | 6,300.01 | -- | 6,300.01 | -- | -- | -- | -- | -- | -- | 6,300.01 | 3,150.00 | -- | -- | 3,150.00 |
| Shelburne | 5,244.13 | -- | -- | 5,244.13 | -- | 5,244.13 | 2,469.96 | 2,469.96 | 5,079.93 | -- | -- | -- | 2,814.17 | 1,407.08 | -- | -- | 1,407.08 |
| Silver Lake Regional | 6,379.93 | -- | -- | 6,379.93 | -- | 6,379.93 | 6,379.93 | 1,300.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Somerville | 7,391.70 | -- | -- | 7,391.70 | -- | 7,391.70 | -- | -- | -- | -- | -- | -- | 7,391.70 | 3,695.85 | -- | -- | 3,695.85 |
| Taunton | 5,714.32 | -- | -- | 5,439.32 | 275.00 | 5,714.32 | 1,530.00 | 1,530.00 | -- | -- | -- | -- | 3,909.32 | 1,954.66 | 137.50 | -- | 2,092.16 |
| Tewksbury | 4,240.71 | -- | 121.71 | 4,284.00 | 555.00 | 4,240.71 | -- | -- | -- | -- | -- | -- | 4,264.00 | 2,132.00 | 277.50 | -- | 2,409.50 |
| Townsend | 4,210.06 | -- | 14.57 | 4,195.49 | -- | 4,195.49 | -- | -- | 6,547.81 | -- | -- | -- | 4,195.49 | 2,097.74 | -- | -- | 2,097.74 |
| Wachusett Regional | 13,976.22 | -- | 472.65 | 13,503.57 | -- | 13,503.57 | 6,682.61 | 2,115.00 | -- | -- | -- | -- | 4,843.16 | 2,421.58 | 87.45 | -- | 2,421.58 |
| Wareham | 3,294.77 | -- | 15.75 | 3,083.96 | 194.86 | 3,294.77 | -- | -- | -- | -- | -- | -- | 3,099.91 | 1,541.98 | -- | -- | 1,541.98 |
| West Bridgewater | 4,911.53 | -- | 120.45 | 4,791.08 | -- | 4,791.08 | -- | -- | -- | -- | -- | -- | 4,791.08 | 2,395.54 | -- | -- | 2,395.54 |
| Westport | 6,740.35 | -- | 30.50 | 6,709.85 | -- | 6,709.85 | -- | -- | -- | 77.50 | -- | -- | 6,709.85 | 3,354.93 | -- | -- | 3,354.93 |
| Winchendon | 4,335.90 | -- | 135.75 | 4,695.15 | -- | 4,695.15 | 77.50 | -- | -- | -- | -- | -- | 4,620.65 | 2,310.33 | -- | -- | 2,310.33 |
| TOTAL for type of school | 313,294.41 | 243.32 | 1,579.66 | 299,630.35 | 1,541.06 | 311,471.43 | 57,225.93 | 24,400.00 | 28,064.87 | 1,157.50 | 3,603.56 | -- | 252,814.32 | 125,643.25 | 920.64 | -- | 126,663.79 |

#Excess



| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|-----------|-------|--------|-----------|--------|-----------|----------|----------|----------|----------|----|----|-----------|-----------|----|----|-----------|
| GROUP III: EVENING NAUTICAL ART SCHOOLS | | | | | | | | | | | | | | | | | |
| Abington | 2,163.69 | -- | -- | 2,163.69 | -- | 2,163.69 | 24.26 | 12.15 | -- | 12.10 | -- | -- | 2,139.44 | 1,069.72 | -- | -- | 1,069.72 |
| Agawam | 526.65 | -- | -- | 179.71 | 346.94 | 526.65 | 11.00 | -- | -- | 11.00 | -- | -- | 168.71 | 84.36 | -- | -- | 267.32 |
| Amherst - Belham | 2,110.34 | -- | -- | 2,110.34 | -- | 2,110.34 | 210.00 | -- | -- | 210.00 | -- | -- | 1,900.84 | 950.17 | -- | -- | 950.17 |
| Andover | 2,002.80 | -- | -- | 1,871.00 | 131.80 | 2,002.80 | 6.00 | 6.00 | -- | -- | -- | -- | 1,868.00 | 932.50 | -- | -- | 932.50 |
| Arlington | 17,391.18 | -- | -- | 17,391.18 | 12.90 | 17,391.18 | 1,700.80 | 163.00 | 787.00 | 787.00 | -- | -- | 16,627.48 | 7,813.74 | -- | -- | 8,813.74 |
| Athol | 1,684.33 | -- | 93.95 | 1,590.38 | -- | 1,590.38 | 225.60 | 225.60 | -- | -- | -- | -- | 1,364.78 | 682.39 | -- | -- | 682.39 |
| Auburn | 1,647.30 | -- | -- | 1,500.00 | 347.30 | 1,647.30 | 1,000.00 | -- | 1,000.00 | -- | -- | -- | 500.00 | 250.00 | -- | -- | 250.00 |
| Ayer | 594.40 | -- | -- | 550.00 | 44.40 | 594.40 | 407.00 | -- | 350.00 | 57.00 | -- | -- | 143.00 | 71.50 | -- | -- | 71.50 |
| Barnstable | 1,965.14 | -- | -- | 1,965.14 | -- | 1,965.14 | 425.20 | 175.20 | -- | 250.00 | -- | -- | 1,540.94 | 768.47 | -- | -- | 768.47 |
| Bedford | 3,000.83 | -- | -- | 2,789.23 | 132.60 | 3,000.83 | 1,581.00 | -- | 1,400.00 | 181.00 | -- | -- | 1,507.23 | 653.62 | -- | -- | 653.62 |
| Belchertown | 4,894.11 | -- | 30.22 | 4,705.55 | 14.34 | 4,894.11 | -- | -- | -- | -- | -- | -- | 4,705.55 | 2,352.78 | -- | -- | 2,352.78 |
| Belmont | 1,645.05 | -- | 40.00 | 1,325.75 | 22.30 | 1,645.05 | 75.00 | -- | -- | 75.00 | -- | -- | 1,247.75 | 623.87 | -- | -- | 623.87 |
| Bernardston | 1,046.10 | -- | -- | 710.00 | 336.10 | 1,046.10 | 134.40 | 9.40 | -- | 85.00 | -- | -- | 525.60 | 262.80 | -- | -- | 262.80 |
| Beverly | 6,008.93 | -- | 136.00 | 5,846.93 | 24.00 | 5,970.93 | 1,654.00 | 1,099.00 | 556.00 | -- | -- | -- | 4,192.93 | 2,096.49 | -- | -- | 2,096.49 |
| Billerica | 3,207.74 | -- | -- | 2,890.00 | 317.74 | 3,207.74 | 897.40 | 116.40 | 600.00 | 183.00 | -- | -- | 1,940.80 | 995.30 | -- | -- | 995.30 |
| Boston | 37,776.89 | -- | 267.07 | 37,261.71 | 237.90 | 37,489.61 | 2,237.70 | 20.70 | 1,536.00 | 691.00 | -- | -- | 35,014.01 | 17,607.00 | -- | -- | 17,607.00 |
| Bourne | 767.00 | -- | -- | 750.00 | 12.00 | 767.00 | 535.00 | -- | 450.00 | 85.00 | -- | -- | 320.00 | 115.00 | -- | -- | 115.00 |
| Braintree | 3,615.77 | -- | -- | 3,403.97 | 34.00 | 3,615.77 | 331.00 | -- | 145.00 | 185.00 | -- | -- | 3,152.97 | 1,576.49 | -- | -- | 1,576.49 |
| Bridgewater | 1,196.11 | -- | 30.73 | 1,117.36 | 45.00 | 1,165.36 | 459.60 | 153.60 | 200.00 | 105.00 | -- | -- | 657.76 | 328.88 | -- | -- | 328.88 |
| Brockton | 8,028.37 | -- | -- | 7,028.37 | -- | 7,028.37 | 1,757.50 | 1,180.50 | 815.00 | 261.00 | -- | -- | 6,270.87 | 3,135.29 | -- | -- | 3,135.29 |
| Brookline | 22,935.17 | -- | 144.60 | 22,790.57 | -- | 22,790.57 | 2,725.25 | 434.25 | 735.00 | 1,558.00 | -- | -- | 20,035.32 | 10,032.66 | -- | -- | 10,032.66 |
| Burlington | 1,153.00 | -- | -- | 1,153.00 | -- | 1,153.00 | -- | -- | -- | -- | -- | -- | 1,153.00 | 576.50 | -- | -- | 576.50 |
| Cambridge | 4,229.47 | -- | -- | 4,157.33 | 72.14 | 4,229.47 | -- | -- | -- | -- | -- | -- | 4,157.33 | 2,078.66 | -- | -- | 2,078.66 |
| Clinton | 3,293.41 | -- | 279.90 | 3,000.91 | 12.60 | 3,013.51 | 943.00 | -- | 600.00 | 243.00 | -- | -- | 2,157.91 | 1,078.96 | -- | -- | 1,078.96 |
| Concord | 573.88 | -- | -- | 55.66 | 15.00 | 573.88 | 50.10 | 1.10 | 500.00 | -- | -- | -- | 350.86 | 175.23 | -- | -- | 175.23 |
| Chicopee | 11,936.54 | -- | -- | 11,826.00 | 110.54 | 11,936.54 | 1,000.00 | -- | 1,000.00 | -- | -- | -- | 10,826.00 | 5,413.00 | -- | -- | 5,413.00 |
| Clinton | 1,572.26 | -- | -- | 1,520.66 | 66.60 | 1,572.26 | 51.00 | 51.00 | -- | -- | -- | -- | 1,769.66 | 884.83 | -- | -- | 884.83 |
| Cohasset | 2,156.55 | -- | -- | 2,156.55 | -- | 2,156.55 | 820.00 | -- | 600.00 | 90.00 | -- | -- | 1,266.55 | 633.43 | -- | -- | 633.43 |
| Concord | 5,638.17 | -- | 145.90 | 5,445.87 | 44.40 | 5,490.27 | 1,313.00 | 286.00 | 742.00 | 353.00 | -- | -- | 4,132.87 | 2,066.44 | -- | -- | 2,066.44 |
| Conway | 369.00 | -- | -- | 360.00 | 9.00 | 369.00 | 363.00 | -- | 270.00 | 93.00 | -- | -- | 3.00 | -- | -- | -- | 3.00 |
| Dartmouth | 1,534.95 | -- | -- | 1,080.00 | 454.94 | 1,534.94 | 960.00 | -- | 960.00 | -- | -- | -- | 120.00 | 60.00 | -- | -- | 60.00 |
| Deerfield | 468.00 | -- | -- | 468.00 | 9.00 | 468.00 | 459.65 | 8.35 | 500.00 | 71.00 | -- | -- | -- | -- | -- | -- | -- |
| Dennis | 744.00 | -- | -- | 744.00 | 74.40 | 744.00 | 59.00 | -- | -- | 59.00 | -- | -- | 691.60 | 345.75 | -- | -- | 345.75 |
| Dover | 744.00 | -- | -- | 744.00 | -- | 744.00 | 27.00 | 27.00 | -- | -- | -- | -- | 717.00 | 358.50 | -- | -- | 358.50 |
| Duxbury | 894.76 | -- | -- | 894.76 | 4.50 | 894.76 | 65.00 | 6.00 | -- | 59.00 | -- | -- | 825.26 | 412.62 | -- | -- | 412.62 |
| Easthampton | 1,875.14 | -- | -- | 1,536.00 | 39.14 | 1,575.14 | 555.50 | 34.50 | 300.00 | 164.00 | -- | -- | 977.60 | 488.75 | -- | -- | 488.75 |
| East Longmeadow | 3,169.63 | -- | -- | 2,987.83 | 181.80 | 3,169.63 | 1,269.00 | 174.00 | 550.00 | 245.00 | -- | -- | 1,718.63 | 859.48 | -- | -- | 859.48 |
| Essex | 516.88 | -- | 12.80 | 481.00 | 22.34 | 503.34 | 39.00 | -- | -- | 39.00 | -- | -- | 442.00 | 221.00 | -- | -- | 221.00 |
| Essex County | 20,627.25 | 47.50 | 254.79 | 20,294.88 | -- | 20,294.88 | 1,425.00 | -- | 1,425.00 | -- | -- | -- | 18,669.58 | 9,454.79 | -- | -- | 9,454.79 |
| Everett | 4,273.24 | -- | -- | 4,273.24 | -- | 4,273.24 | 331.00 | -- | 155.00 | 175.00 | -- | -- | 3,942.24 | 1,971.12 | -- | -- | 1,971.12 |
| Fall River | 4,263.58 | -- | -- | 4,263.58 | -- | 4,263.58 | 124.20 | 86.20 | -- | 36.00 | -- | -- | 4,139.38 | 2,069.69 | -- | -- | 2,069.69 |
| Falmouth | 1,407.00 | -- | -- | 1,407.00 | -- | 1,407.00 | 600.00 | -- | 600.00 | -- | -- | -- | 607.00 | 303.50 | -- | -- | 303.50 |
| Franklin | 1,990.90 | -- | -- | 1,941.70 | 49.20 | 1,990.90 | 431.00 | 162.00 | -- | 269.00 | -- | -- | 1,510.70 | 755.35 | -- | -- | 755.35 |
| Gloucester | 2,724.20 | -- | 101.12 | 2,623.11 | -- | 2,623.11 | 493.51 | -- | 180.00 | 553.51 | -- | -- | 2,129.60 | 1,064.80 | -- | -- | 1,064.80 |
| Granby | 612.15 | -- | -- | 612.15 | -- | 612.15 | 270.00 | -- | 270.00 | -- | -- | -- | 342.15 | 171.08 | -- | -- | 171.08 |
| Greenfield | 2,347.92 | -- | -- | 2,303.42 | 44.40 | 2,347.82 | 299.80 | 163.80 | 138.00 | -- | -- | -- | 2,003.62 | 1,001.81 | -- | -- | 1,001.81 |
| Hanover | 769.00 | -- | -- | 760.00 | 9.00 | 769.00 | 110.40 | 62.50 | -- | 47.50 | -- | -- | 649.55 | 324.78 | -- | -- | 324.78 |
| Hanson | 716.10 | -- | -- | 711.90 | 4.20 | 716.10 | 47.00 | -- | -- | 47.00 | -- | -- | 664.10 | 332.05 | -- | -- | 332.05 |
| Haverhill | 830.00 | -- | -- | 830.00 | -- | 830.00 | -- | -- | -- | -- | -- | -- | 830.00 | 415.00 | -- | -- | 415.00 |
| Holyoke | 2,383.54 | -- | -- | 2,383.54 | -- | 2,383.54 | 819.70 | 202.20 | 400.00 | 217.50 | -- | -- | 1,563.84 | 781.92 | -- | -- | 781.92 |
| Holyoke | 1,632.00 | -- | -- | 1,620.00 | 12.00 | 1,632.00 | 360.00 | -- | 360.00 | -- | -- | -- | 1,260.00 | 630.00 | -- | -- | 630.00 |
| Holyoke | 20,607.95 | -- | 339.40 | 20,513.61 | 54.74 | 20,568.55 | 1,767.25 | 60.2 | 410.00 | 677.00 | -- | -- | 18,746.55 | 9,373.28 | -- | -- | 9,373.28 |



| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|----------------------|-----------|----|----|--------|-----------|--------|-----------|----------|----------|----------|----------|--------|----|-----------|-----------|--------|----|-----------|
| III (continued) | | | | | | | | | | | | | | | | | | |
| Hudson | 828.20 | -- | -- | -- | 865.00 | 60.20 | 928.20 | -- | -- | -- | -- | -- | -- | 865.00 | 432.50 | 30.10 | -- | 462.60 |
| Hull | 670.00 | -- | -- | -- | 670.00 | -- | 670.00 | -- | -- | -- | -- | -- | -- | 670.00 | 336.00 | -- | -- | 336.00 |
| Lakeville | 1,064.55 | -- | -- | -- | 1,020.41 | 43.44 | 1,064.55 | 361.00 | 61.00 | 300.00 | -- | -- | -- | 669.41 | 334.70 | 21.97 | -- | 366.67 |
| Lancaster | 797.60 | -- | -- | -- | 595.00 | 302.60 | 797.60 | -- | -- | -- | -- | -- | -- | 595.00 | 297.50 | 101.40 | -- | 398.90 |
| Lawrence | 22,985.56 | -- | -- | -- | 22,985.56 | -- | 22,985.56 | 1,695.21 | 1,037.40 | 886.00 | -- | 71.81 | -- | 21,290.35 | 10,645.18 | -- | -- | 10,645.18 |
| Lenox | 1,003.50 | -- | -- | -- | 1,003.50 | -- | 1,003.50 | 499.50 | 132.00 | 367.50 | -- | -- | -- | 804.00 | 262.00 | -- | -- | 262.00 |
| Leominster | 8,817.95 | -- | -- | -- | 8,776.75 | 39.20 | 8,817.95 | 2,212.30 | 1,177.20 | 372.00 | 663.00 | -- | -- | 6,566.55 | 3,283.27 | 19.60 | -- | 3,302.87 |
| Lexington | 7,971.44 | -- | -- | 86.33 | 7,885.11 | -- | 7,885.11 | 1,465.20 | 502.20 | 343.00 | 620.00 | -- | -- | 6,419.91 | 3,209.96 | -- | -- | 3,209.96 |
| Lowell | 5,775.30 | -- | -- | -- | 5,707.50 | 67.80 | 5,775.30 | 1,406.30 | 814.80 | 892.00 | -- | -- | -- | 4,300.70 | 2,150.35 | 33.30 | -- | 2,184.25 |
| Lynn | 16,805.61 | -- | -- | -- | 16,805.61 | -- | 16,805.61 | 3,012.88 | 1,721.30 | 465.00 | 687.00 | 139.58 | -- | 13,592.73 | 6,796.36 | -- | -- | 6,796.36 |
| Manchester | 887.76 | -- | -- | -- | 887.76 | -- | 887.76 | 88.46 | 27.45 | -- | 41.00 | -- | -- | 819.31 | 409.65 | -- | -- | 409.65 |
| Marion | 1,278.57 | -- | -- | -- | 1,218.43 | 60.14 | 1,278.57 | 215.30 | 15.30 | 200.00 | -- | -- | -- | 1,003.13 | 501.57 | 30.07 | -- | 531.64 |
| Medford | 11,123.56 | -- | -- | 35.19 | 11,088.37 | -- | 11,088.37 | 1,585.50 | 511.80 | 426.00 | 511.00 | -- | -- | 9,532.57 | 4,766.29 | -- | -- | 4,766.29 |
| Medway | 1,062.00 | -- | -- | -- | 1,060.00 | 12.00 | 1,062.00 | 410.00 | -- | 410.00 | -- | -- | -- | 540.00 | 320.00 | 5.00 | -- | 320.00 |
| Melrose | 5,276.92 | -- | -- | -- | 5,270.92 | 6.00 | 5,276.92 | 650.00 | -- | 179.00 | 471.00 | -- | -- | 4,620.92 | 2,310.46 | 3.00 | -- | 2,313.46 |
| Methuen | 2,402.17 | -- | -- | -- | 2,318.77 | 83.40 | 2,402.17 | 147.00 | -- | -- | 137.00 | -- | -- | 2,261.77 | 1,340.89 | 291.70 | -- | 1,632.59 |
| Middleboro | 423.44 | -- | -- | -- | 380.00 | 43.44 | 423.44 | 11.40 | 11.40 | -- | -- | -- | -- | 312.00 | 109.30 | 46.72 | -- | 156.02 |
| Milford | 3,383.91 | -- | -- | -- | 3,363.91 | -- | 3,363.91 | 876.00 | 39.00 | 800.00 | 237.00 | -- | -- | 2,507.91 | 1,253.96 | -- | -- | 1,253.96 |
| Millis | 691.00 | -- | -- | -- | 685.00 | 6.00 | 691.00 | 180.00 | -- | 150.00 | -- | -- | -- | 535.00 | 267.50 | 3.00 | -- | 270.50 |
| Milton | 3,146.93 | -- | -- | 47.93 | 3,099.00 | -- | 3,099.00 | 395.00 | -- | 150.00 | 245.00 | -- | -- | 2,704.00 | 1,352.00 | -- | -- | 1,352.00 |
| Montague | 3,976.84 | -- | -- | 96.47 | 3,880.37 | 16.00 | 3,878.37 | 1,005.00 | 231.00 | 400.00 | 154.00 | -- | -- | 2,855.37 | 1,427.69 | 9.00 | -- | 1,436.69 |
| Nantucket | 777.72 | -- | -- | -- | 777.72 | -- | 777.72 | 350.00 | -- | 350.00 | -- | -- | -- | 427.72 | 213.86 | -- | -- | 213.86 |
| New Bedford | 16,647.31 | -- | -- | -- | 16,647.31 | -- | 16,647.31 | 1,606.75 | 1,606.75 | -- | -- | -- | -- | 15,036.56 | 7,519.28 | -- | -- | 7,519.28 |
| Newton | 16,959.70 | -- | -- | -- | 16,870.46 | 89.24 | 16,959.70 | 3,230.80 | 361.80 | 1,852.00 | 1,017.00 | -- | -- | 15,639.66 | 7,819.83 | 44.62 | -- | 7,864.45 |
| North Adams | 1,409.36 | -- | -- | -- | 1,409.36 | -- | 1,409.36 | -- | -- | -- | -- | -- | -- | 1,409.36 | 704.68 | -- | -- | 704.68 |
| Northampton | 2,494.92 | -- | -- | 244.67 | 2,172.55 | 77.70 | 2,350.25 | 755.00 | 274.05 | 300.00 | 194.00 | -- | -- | 1,404.50 | 702.25 | 38.85 | -- | 741.10 |
| North Attleboro | 2,431.78 | -- | -- | -- | 2,431.78 | -- | 2,431.78 | 869.00 | 157.00 | 300.00 | 112.00 | -- | -- | 1,862.78 | 231.39 | -- | -- | 231.39 |
| Northbridge | 2,146.12 | -- | -- | -- | 2,138.92 | 7.20 | 2,146.12 | 100.00 | -- | 100.00 | -- | -- | -- | 2,038.92 | 1,019.46 | 5.60 | -- | 1,023.06 |
| Northfield | 436.17 | -- | -- | -- | 424.77 | 11.40 | 436.17 | 67.20 | 36.20 | -- | 39.00 | -- | -- | 357.57 | 178.78 | 5.70 | -- | 184.48 |
| Norwell | 807.82 | -- | -- | -- | 762.38 | 45.44 | 807.82 | 534.00 | -- | 500.00 | 34.00 | -- | -- | 223.38 | 114.19 | 22.72 | -- | 136.91 |
| Norwood | 4,634.00 | -- | -- | -- | 4,630.00 | 24.00 | 4,634.00 | 727.00 | 549.60 | 178.00 | -- | -- | -- | 3,902.40 | 1,951.20 | 12.00 | -- | 1,963.20 |
| Palmer | 1,844.84 | -- | -- | -- | 1,759.50 | 85.34 | 1,844.84 | -- | -- | -- | -- | -- | -- | 1,759.50 | 879.75 | 42.67 | -- | 922.42 |
| Pittsfield | 7,100.19 | -- | -- | -- | 7,100.19 | -- | 7,100.19 | 1,201.10 | 344.10 | 857.00 | -- | -- | -- | 5,899.09 | 2,949.54 | -- | -- | 2,949.54 |
| Plymouth | 1,084.51 | -- | -- | -- | 1,087.51 | 27.00 | 1,084.51 | 161.00 | -- | -- | 161.00 | -- | -- | 896.51 | 446.25 | 13.50 | -- | 461.75 |
| Provincetown | 1,200.00 | -- | -- | -- | 1,200.00 | -- | 1,200.00 | 500.00 | -- | 500.00 | -- | -- | -- | 700.00 | 350.00 | -- | -- | 350.00 |
| Quincy | 15,539.38 | -- | -- | 17.08 | 15,506.43 | 15.00 | 15,521.43 | 690.80 | 34.80 | 556.00 | -- | -- | -- | 14,815.63 | 7,407.82 | 7.50 | -- | 7,415.32 |
| Randolph | 1,627.60 | -- | -- | -- | 1,600.00 | 27.60 | 1,627.60 | -- | -- | -- | -- | -- | -- | 1,600.00 | 800.00 | 13.80 | -- | 813.80 |
| Revere | 2,524.00 | -- | -- | -- | 2,489.00 | 35.00 | 2,524.00 | 200.00 | -- | 200.00 | -- | -- | -- | 2,289.00 | 1,144.50 | 17.50 | -- | 1,162.00 |
| Rochester | 642.70 | -- | -- | -- | 614.70 | 27.00 | 642.70 | 121.20 | 46.20 | 75.00 | -- | -- | -- | 494.50 | 247.25 | 13.50 | -- | 260.75 |
| Rockland | 1,705.51 | -- | -- | -- | 1,669.13 | 36.38 | 1,705.51 | 88.00 | -- | -- | 88.00 | -- | -- | 1,581.13 | 790.57 | 18.19 | -- | 808.76 |
| Salem | 6,039.51 | -- | -- | -- | 5,971.31 | 68.20 | 6,039.51 | 1,315.32 | 1,026.00 | 212.00 | -- | 75.32 | -- | 4,655.99 | 2,328.00 | 34.10 | -- | 2,362.10 |
| Saugus | 2,205.20 | -- | -- | -- | 1,550.00 | 655.20 | 2,205.20 | 1,261.00 | -- | 1,200.00 | 81.00 | -- | -- | 269.00 | 134.30 | 327.60 | -- | 462.10 |
| Scituate | 1,639.43 | -- | -- | -- | 1,638.43 | -- | 1,638.43 | 247.00 | -- | 150.00 | 97.00 | -- | -- | 1,391.43 | 695.72 | -- | -- | 695.72 |
| Seekonk | 1,419.70 | -- | -- | -- | 1,419.70 | -- | 1,419.70 | 399.00 | -- | 300.00 | 99.00 | -- | -- | 1,020.70 | 510.35 | -- | -- | 510.35 |
| Shelburne | 534.74 | -- | -- | -- | 520.34 | 14.40 | 534.74 | 246.00 | 66.00 | 150.00 | 32.00 | -- | -- | 272.34 | 136.17 | 7.20 | -- | 143.37 |
| Silver Lake Regional | 2,240.00 | -- | -- | -- | 2,240.00 | -- | 2,240.00 | 1,229.40 | 29.40 | 1,200.00 | -- | -- | -- | 1,010.60 | 505.30 | -- | -- | 505.30 |
| Somerset | 1,581.00 | -- | -- | -- | 1,540.00 | 35.00 | 1,581.00 | -- | -- | -- | -- | -- | -- | 1,548.00 | 774.00 | 16.50 | -- | 790.50 |
| Somerville | 4,758.82 | -- | -- | -- | 4,750.58 | 8.24 | 4,758.82 | 216.70 | 8.70 | 208.00 | -- | -- | -- | 4,533.88 | 2,266.94 | 4.12 | -- | 2,271.06 |
| Southbridge | 1,967.02 | -- | -- | -- | 1,802.72 | 164.30 | 1,967.02 | -- | -- | -- | -- | -- | -- | 1,802.72 | 901.36 | 82.15 | -- | 983.51 |
| South Hadley | 1,165.91 | -- | -- | -- | 562.77 | 603.14 | 1,165.91 | 200.00 | -- | 200.00 | -- | -- | -- | 362.77 | 181.39 | 301.57 | -- | 482.96 |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|--|---|------------|-----------|-----------|------------|----------|------------|------------|-----------|-----------|-----------|------------|----------|------------|------------|----------|--------|------------|
| III (continued) | | | | | | | | | | | | | | | | | | |
| Spencer | | 759.50 | -- | -- | 721.50 | 38.00 | 759.50 | 400.00 | -- | 400.00 | -- | -- | -- | 321.50 | 160.75 | 19.00 | -- | 179.75 |
| Springfield | | 85,830.99 | -- | 282.55 | 85,868.43 | -- | 85,868.43 | 10,237.15 | 8,135.70 | 1,977.00 | 3,124.45 | -- | -- | 45,331.28 | 12,385.84 | -- | -- | 22,655.64 |
| Stoughton | | 2,823.07 | -- | -- | 2,823.07 | 134.40 | 2,823.07 | 494.20 | 19.20 | 300.00 | 174.00 | -- | -- | 2,194.47 | 1,097.24 | 67.20 | -- | 1,184.44 |
| Swansea | | 1,720.60 | -- | -- | 1,696.60 | 24.00 | 1,720.60 | 369.96 | 69.96 | 300.00 | -- | -- | -- | 1,326.64 | 663.32 | 13.00 | -- | 675.32 |
| Taunton | | 2,567.00 | -- | -- | 2,555.00 | 12.00 | 2,567.00 | 544.40 | 547.45 | 298.00 | -- | -- | -- | 1,911.60 | 955.60 | 5.00 | -- | 961.80 |
| Templeton | | 821.91 | -- | -- | 790.91 | 31.20 | 821.91 | 606.00 | 30.00 | 500.00 | 75.00 | -- | -- | 168.71 | 92.85 | 15.00 | -- | 108.45 |
| Truro | | 887.76 | -- | -- | 887.76 | -- | 887.76 | -- | -- | -- | -- | -- | -- | 587.76 | 298.89 | -- | -- | 298.89 |
| Wakefield | | 4,428.77 | -- | 20.00 | 4,397.37 | 11.40 | 4,408.77 | 1,085.20 | 31.20 | 726.00 | 326.00 | -- | -- | 3,314.17 | 1,667.06 | 8.70 | -- | 1,682.76 |
| Waltham | | 3,849.30 | -- | -- | 3,723.00 | 126.30 | 3,849.30 | 616.00 | -- | 616.00 | -- | -- | -- | 2,907.00 | 1,453.50 | 63.16 | -- | 1,516.55 |
| Wareham | | 1,808.68 | -- | -- | 1,796.68 | 12.30 | 1,808.68 | 500.00 | -- | 500.00 | -- | -- | -- | 1,296.58 | 640.29 | 6.16 | -- | 654.44 |
| Warren | | 180.19 | -- | -- | 146.15 | 34.04 | 180.19 | 52.50 | -- | 52.50 | -- | -- | -- | 93.65 | 46.83 | 17.02 | -- | 63.85 |
| Webster | | 1,271.02 | -- | -- | 1,271.02 | -- | 1,271.02 | 179.40 | 131.40 | -- | 40.00 | -- | -- | 1,091.62 | 545.61 | -- | -- | 545.61 |
| Wellesley | | 3,464.34 | -- | -- | 3,464.34 | 10.40 | 3,464.34 | 379.80 | 320.80 | -- | 159.00 | -- | -- | 3,073.74 | 1,534.87 | 5.40 | -- | 1,542.27 |
| Westfield | | 4,456.17 | -- | 201.23 | 4,142.20 | 111.74 | 4,253.94 | 1,302.90 | 341.80 | 575.00 | 329.00 | 37.30 | -- | 2,859.30 | 1,419.69 | 85.67 | -- | 1,475.36 |
| Westhampton | | 100.00 | -- | -- | 100.00 | -- | 100.00 | 200.00 | -- | 200.00 | -- | -- | -- | -- | -- | -- | -- | -- |
| Westport | | 514.04 | -- | 21.00 | 720.00 | 75.04 | 795.04 | 500.00 | -- | 500.00 | -- | -- | -- | 220.00 | 110.00 | 36.52 | -- | 146.52 |
| Westwood | | 3,011.60 | -- | -- | 2,869.60 | 42.00 | 3,011.60 | 643.60 | 93.60 | 350.00 | 200.00 | -- | -- | 2,325.90 | 1,162.95 | 11.00 | -- | 1,183.96 |
| Weymouth | | 7,103.83 | -- | -- | 7,103.83 | -- | 7,103.83 | 328.95 | -- | 260.00 | 88.93 | -- | -- | 6,774.90 | 3,387.45 | -- | -- | 3,587.45 |
| Whitman | | 2,171.59 | -- | -- | 2,120.59 | 41.70 | 2,171.59 | 552.60 | 83.60 | 400.00 | 89.00 | -- | -- | 1,577.29 | 785.39 | 20.88 | -- | 609.50 |
| Wilmington | | 3,728.16 | -- | -- | 3,728.16 | -- | 3,728.16 | 1,876.20 | 662.20 | 612.00 | 404.00 | -- | -- | 1,849.96 | 791.25 | -- | -- | 791.25 |
| Winchendon | | 600.00 | -- | -- | 600.00 | -- | 600.00 | -- | -- | -- | -- | -- | -- | 600.00 | 300.00 | -- | -- | 300.00 |
| Woburn | | 7,231.86 | -- | 257.40 | 6,974.46 | 5.40 | 6,974.46 | 1,027.00 | -- | 808.00 | 619.00 | -- | -- | 6,942.06 | 2,971.03 | 2.70 | -- | 2,973.73 |
| Forester | | 23,481.42 | -- | -- | 23,481.42 | 16.60 | 23,481.42 | 5,647.06 | 2,760.70 | 1,861.92 | -- | 1,034.43 | -- | 17,817.87 | 8,908.94 | 8.26 | -- | 8,917.19 |
| Wrentham | | 534.60 | -- | -- | 450.00 | 84.60 | 534.60 | 329.00 | -- | 300.00 | 29.00 | -- | -- | 121.00 | 60.50 | 42.30 | -- | 102.80 |
| Yarmouth | | 1,114.80 | -- | -- | 1,041.00 | 73.80 | 1,114.80 | 54.80 | 31.80 | -- | 23.00 | -- | -- | 4,027.20 | 515.80 | 36.90 | -- | 550.60 |
| TOTAL for type of school | | 574,263.60 | 47.45 | 3,119.20 | 563,216.36 | 7,877.98 | 571,096.34 | 92,566.31 | 26,472.16 | 45,779.92 | 18,955.79 | 1,358.44 | -- | 470,800.35 | 235,219.72 | 3,612.97 | 326.92 | 239,159.61 |
| GROUP IV DAY AGRICULTURAL SCHOOLS | | | | | | | | | | | | | | | | | | |
| Bristol County | | 264,921.01 | 14,969.70 | 8,741.23 | 241,210.08 | -- | 241,210.08 | 45,951.11 | 9,946.60 | 7,352.00 | 1,219.68 | 18,762.69 | 6,671.14 | 197,258.97 | 95,527.48 | -- | -- | 98,629.49 |
| Essex County | | 321,156.07 | 6,267.20 | 19,252.10 | 295,636.77 | -- | 295,636.77 | 69,519.47 | 17,620.00 | 10,417.08 | 1,623.74 | 39,888.68 | -- | 226,117.30 | 113,068.66 | -- | -- | 113,058.65 |
| Norfolk County | | 272,022.52 | 10,544.67 | 10,985.96 | 280,491.89 | -- | 280,491.89 | 59,649.62 | 11,000.00 | 8,068.00 | 9,471.84 | 31,149.98 | -- | 190,802.07 | 54,671.39 | -- | -- | 54,671.39 |
| Weymouth Branch | | 68,909.78 | 76.25 | 454.99 | 68,378.54 | -- | 68,378.54 | 2,090.00 | 2,090.00 | -- | -- | -- | -- | 66,286.54 | 38,144.27 | -- | -- | 38,144.27 |
| Northampton | | 29,994.81 | 561.89 | 1,341.10 | 28,091.62 | -- | 28,091.62 | 19,659.85 | 3,106.40 | 1,059.00 | 1,285.88 | 14,208.60 | -- | 8,431.67 | 6,890.83 | -- | -- | 4,590.83 |
| TOTAL for type of school | | 957,003.89 | 32,419.71 | 40,775.38 | 883,808.80 | -- | 883,808.80 | 194,910.25 | 43,762.00 | 26,896.06 | 13,601.11 | 105,979.95 | 6,671.14 | 688,896.55 | 304,094.62 | -- | -- | 304,094.62 |
| GROUP IVa DAY AGRICULTURAL DEPARTMENTS | | | | | | | | | | | | | | | | | | |
| Agawan | | 8,271.62 | -- | -- | 8,271.62 | -- | 8,271.62 | 3,155.63 | 1,460.00 | 1,505.63 | -- | -- | -- | 6,267.98 | 3,097.97 | -- | -- | 3,097.97 |
| Barnstable | | 6,592.89 | -- | 24.40 | 6,568.49 | -- | 6,568.49 | 949.00 | 10.00 | 879.00 | -- | -- | -- | 6,913.00 | 3,837.17 | -- | -- | 3,837.17 |
| Boston | | 61,261.63 | -- | -- | 59,761.83 | 1,500.00 | 61,261.63 | 4,957.00 | 2,286.00 | 2,671.00 | -- | -- | -- | 26,271.11 | 16,081.24 | 750.00 | -- | 16,771.24 |
| Bridgewater | | 3,761.99 | -- | 6.07 | 3,755.92 | -- | 3,755.92 | 1,777.03 | 400.00 | 1,377.03 | -- | -- | -- | 1,901.56 | 1,200.90 | -- | -- | 1,200.90 |
| Charlton | | 5,861.62 | -- | -- | 5,861.62 | -- | 5,861.62 | 846.00 | -- | 346.00 | -- | -- | -- | 4,477.00 | 2,927.00 | -- | -- | 2,927.00 |
| Dartmouth | | 5,778.28 | -- | -- | 5,778.28 | -- | 5,778.28 | 845.00 | -- | 845.00 | -- | -- | -- | 5,262.64 | 3,430.93 | -- | -- | 3,430.93 |
| Falmouth | | 6,409.22 | -- | -- | 6,409.22 | -- | 6,409.22 | 787.00 | -- | 787.00 | -- | -- | -- | 5,835.18 | 3,792.29 | -- | -- | 3,792.29 |
| Frontier Regional | | 6,825.52 | -- | -- | 6,825.52 | -- | 6,825.52 | 5,467.88 | 468.00 | -- | -- | 4,999.88 | -- | # 104.08 | -- | -- | -- | -- |
| Hadley | | 5,476.92 | -- | -- | 5,476.92 | -- | 5,476.92 | 8,200.00 | -- | 5,200.00 | -- | -- | -- | -- | -- | -- | -- | -- |
| Hudson | | 11,164.17 | -- | -- | 11,164.17 | -- | 11,164.17 | 4,038.00 | 2,885.00 | 1,151.00 | -- | -- | -- | 6,496.88 | 5,025.24 | -- | -- | 5,025.24 |

*41 extra to correct 55-56
#Excess

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|--|------------|--------|----------|------------|----------|------------|------------|-----------|-----------|----------|----------|----|------------|-----------|--------|----|-----------|
| IVla (continued) | | | | | | | | | | | | | | | | | |
| Middleboro | 5,302.51 | -- | -- | 5,302.51 | -- | 5,302.51 | 1,188.77 | 410.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| New Salem | 16,905.19 | 251.51 | 257.35 | 16,036.93 | -- | 16,036.93 | 17,300.24 | 11,575.00 | 768.77- | -- | -- | -- | 4,340.00 | 2,322.33 | -- | -- | 2,627.33 |
| North Brookfield | 5,606.26 | -- | -- | 5,606.26 | -- | 5,606.26 | 5,614.38 | 414.00 | 5,725.24 | -- | -- | -- | 1,842.57 | -- | -- | -- | -- |
| Shelburne | 7,673.90 | -- | 19.76 | 7,654.15 | -- | 7,654.15 | 6,951.60 | 5,465.60 | 5,028.58 | -- | -- | -- | 334.68 | -- | -- | -- | -- |
| Silver Lake Regional | 8,006.61 | -- | 167.69 | 7,838.92 | -- | 7,838.92 | 7,884.90 | 1,203.20 | 1,486.00 | -- | -- | -- | 3,282.04 | 1,112.76 | -- | -- | 1,112.76 |
| Stockbridge | 7,689.34 | -- | -- | 7,689.34 | -- | 7,689.34 | 4,618.88 | 2,317.88 | 6,681.70 | -- | -- | -- | -- | -- | -- | -- | -- |
| Templeton | 11,870.00 | 86.40 | 261.81 | 11,821.65 | -- | 11,821.65 | 6,991.37 | 6,106.31 | 2,301.00 | -- | -- | -- | 2,174.07 | 302.51 | -- | -- | 302.51 |
| Wachusett | 14,944.52 | -- | 808.35 | 14,136.17 | -- | 14,136.17 | 10,165.00 | 768.00 | 700.00 | 186.06 | -- | -- | 5,864.08 | 2,860.83 | -- | -- | 2,860.83 |
| Westfield | 7,721.32 | -- | 1,118.10 | 6,603.22 | -- | 6,603.22 | 7,877.37 | 1,721.40 | 9,400.00 | -- | -- | -- | 1,518.80 | 626.54 | -- | -- | 626.54 |
| Westport | 3,497.40 | -- | 16.92 | 3,481.48 | -- | 3,481.48 | 1,013.00 | -- | 623.00 | 5,635.97 | -- | -- | 4,962.30 | 2,934.97 | -- | -- | 2,934.97 |
| West Springfield | 6,562.62 | -- | -- | 6,562.62 | -- | 6,562.62 | 1,842.00 | 1,170.00 | 1,013.00 | -- | -- | -- | 2,151.21 | 1,434.14 | -- | -- | 1,434.14 |
| Williamstown | 6,721.53 | -- | -- | 6,721.53 | -- | 6,721.53 | 1,594.38 | 714.38 | 712.00 | -- | -- | -- | 4,867.22 | 2,956.16 | -- | -- | 2,956.16 |
| Worcester | 22,825.12 | -- | -- | 22,825.12 | -- | 22,825.12 | 6,711.53 | 4,831.20 | 450.00 | 600.00 | 300.00 | -- | 4,794.73 | 2,980.77 | -- | -- | 2,980.77 |
| TOTAL for type of school | 246,929.64 | 717.41 | 2,659.24 | 242,052.99 | 1,800.00 | 243,552.99 | 107,216.76 | 44,036.57 | 51,660.28 | 6,520.03 | 5,259.88 | -- | 115,172.43 | 67,402.46 | 750.00 | -- | 62,152.46 |
| GROUP IVb EVENING AGRICULTURAL DEPARTMENTS | | | | | | | | | | | | | | | | | |
| Bridgewater | 120.00 | -- | -- | 120.00 | -- | 120.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Bristol County | 67,879.90 | -- | -- | 67,879.90 | -- | 67,879.90 | 7,252.00 | -- | -- | -- | -- | -- | 120.00 | 80.00 | -- | -- | 80.00 |
| Dartmouth | 60.00 | -- | -- | 60.00 | -- | 60.00 | -- | -- | 7,252.00 | -- | -- | -- | 60,627.90 | 30,312.95 | -- | -- | 30,312.95 |
| Essex County | 98,167.97 | 85.12 | 263.31 | 98,815.54 | -- | 98,815.54 | 3,925.09 | -- | -- | -- | -- | -- | 60.00 | 40.00 | -- | -- | 40.00 |
| New Salem | 229.95 | -- | -- | 229.95 | -- | 229.95 | -- | -- | -- | 3,925.09 | -- | -- | 84,894.43 | 47,447.22 | -- | -- | 47,447.22 |
| Templeton | 168.00 | -- | -- | 168.00 | -- | 168.00 | 168.00 | -- | -- | -- | -- | -- | 188.00 | 132.00 | -- | -- | 132.00 |
| Wachusett Regional | 216.00 | -- | -- | 216.00 | -- | 216.00 | -- | -- | 168.00 | -- | -- | -- | -- | -- | -- | -- | -- |
| Westport | 2,913.96 | -- | -- | 2,913.96 | -- | 2,913.96 | 687.50 | -- | -- | -- | -- | -- | 216.00 | 144.00 | -- | -- | 144.00 |
| TOTAL for type of school | 170,755.78 | 85.12 | 263.31 | 170,407.35 | -- | 170,407.35 | 12,032.59 | -- | 8,107.60 | 3,925.09 | -- | -- | 158,342.81 | 79,641.48 | -- | -- | 79,641.48 |
| VIa DAY COOPERATIVE DISTRIBUTIVE OCCUPATIONS | | | | | | | | | | | | | | | | | |
| Boston | 32,003.84 | -- | -- | 32,003.84 | -- | 32,003.84 | 7,000.00 | -- | 7,600.00 | -- | -- | -- | 25,005.84 | 12,501.92 | -- | -- | 12,501.92 |
| Brockton | 5,055.26 | -- | 918.00 | 4,137.26 | -- | 4,137.26 | 2,600.00 | -- | 2,600.00 | -- | -- | -- | 1,537.28 | 768.63 | -- | -- | 768.63 |
| Chicopee | 5,785.00 | -- | -- | 5,785.00 | -- | 5,785.00 | 4,500.00 | -- | 4,500.00 | -- | -- | -- | 1,295.00 | 642.50 | -- | -- | 642.50 |
| Fitchburg | 5,996.37 | -- | -- | 5,996.37 | -- | 5,996.37 | 5,244.09 | 518.09 | 4,500.00 | -- | -- | -- | 1,295.00 | 642.50 | -- | -- | 642.50 |
| Haverhill | 5,569.44 | -- | -- | 5,569.44 | -- | 5,569.44 | 4,100.00 | -- | 5,450.00 | -- | -- | -- | 31.28 | 15.64 | -- | -- | 15.64 |
| Holyoke | 7,739.41 | -- | 430.00 | 7,309.41 | -- | 7,309.41 | 4,800.00 | -- | 4,100.00 | -- | -- | -- | 1,469.44 | 734.72 | -- | -- | 734.72 |
| Lowell | 5,765.03 | -- | -- | 5,765.03 | -- | 5,765.03 | 4,500.00 | -- | 4,800.00 | -- | -- | -- | 2,459.41 | 1,244.71 | -- | -- | 1,244.71 |
| Medford | 11,411.34 | -- | -- | 11,411.34 | -- | 11,411.34 | 10,400.00 | -- | 4,500.00 | -- | -- | -- | 1,265.03 | 632.52 | -- | -- | 632.52 |
| Peabody | 6,999.14 | 70.80 | 1,693.77 | 5,284.57 | -- | 5,284.57 | 3,344.01 | -- | 10,400.00 | -- | -- | -- | 1,011.34 | 505.67 | -- | -- | 505.67 |
| Pittsfield | 6,947.59 | -- | -- | 6,947.59 | -- | 6,947.59 | 5,483.00 | 683.00 | 3,344.01 | -- | -- | -- | 1,890.68 | 945.28 | -- | -- | 945.28 |
| Quincy | 6,430.35 | -- | -- | 6,430.35 | -- | 6,430.35 | 4,900.00 | 4,900.00 | 4,900.00 | -- | -- | -- | 1,464.59 | 732.30 | -- | -- | 732.30 |
| Salem | 6,422.11 | -- | -- | 6,422.11 | -- | 6,422.11 | 4,900.00 | -- | -- | -- | -- | -- | 1,520.11 | 761.06 | -- | -- | 761.06 |
| Somerville | 7,381.80 | -- | -- | 7,381.80 | -- | 7,381.80 | 5,400.00 | -- | 4,900.00 | -- | -- | -- | 1,522.11 | 761.06 | -- | -- | 761.06 |
| Springfield | 6,335.00 | -- | -- | 6,335.00 | -- | 6,335.00 | 4,660.00 | -- | 5,400.00 | -- | -- | -- | 1,981.80 | 990.90 | -- | -- | 990.90 |
| TOTAL for type of school | 141,641.68 | 70.80 | 3,061.77 | 118,709.11 | -- | 118,709.11 | 72,452.10 | 5,791.09 | 66,454.01 | -- | -- | -- | 46,267.01 | 23,126.52 | -- | -- | 23,126.52 |



| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|--|----------|----|----|----------|-------|----------|-------|-------|----|-------|----|----|----------|----------|------|----|----------|
| GROUP VS EVENING DISTRIBUTIVE OCCUPATIONS SCHOOL | | | | | | | | | | | | | | | | | |
| Boston | 5,999.08 | -- | -- | 5,999.08 | -- | 5,999.08 | 48.20 | 48.20 | -- | -- | -- | -- | 8,955.88 | 2,977.96 | -- | -- | 2,977.96 |
| Fall River | 25.00 | -- | -- | 25.00 | -- | 25.00 | -- | -- | -- | -- | -- | -- | 25.00 | 12.50 | -- | -- | 12.50 |
| Haverhill | 150.00 | -- | -- | 150.00 | -- | 150.00 | -- | -- | -- | -- | -- | -- | 150.00 | 75.00 | -- | -- | 75.00 |
| Holyoke | 250.92 | -- | -- | 250.92 | -- | 250.92 | 30.00 | -- | -- | 30.00 | -- | -- | 220.92 | 110.46 | -- | -- | 110.46 |
| Lowell | 84.90 | -- | -- | 72.00 | 12.90 | 84.90 | -- | -- | -- | -- | -- | -- | 72.00 | 36.00 | 6.45 | -- | 42.45 |
| Malden | 105.00 | -- | -- | 105.00 | -- | 105.00 | -- | -- | -- | -- | -- | -- | 105.00 | 52.50 | -- | -- | 52.50 |
| Marlboro | 50.00 | -- | -- | 50.00 | -- | 50.00 | -- | -- | -- | -- | -- | -- | 50.00 | 25.00 | -- | -- | 25.00 |
| North Adams | 272.44 | -- | -- | 272.44 | -- | 272.44 | -- | -- | -- | -- | -- | -- | 272.44 | 136.22 | -- | -- | 136.22 |
| Pittsfield | 35.00 | -- | -- | 35.00 | -- | 35.00 | -- | -- | -- | -- | -- | -- | 35.00 | 17.50 | -- | -- | 17.50 |
| TOTAL for type of school | 6,972.34 | -- | -- | 6,972.34 | 12.90 | 6,972.34 | 78.20 | 48.20 | -- | 30.00 | -- | -- | 8,955.88 | 3,448.12 | 6.45 | -- | 3,448.57 |

Table No. 3. Summarized Financial Statement - All Types of Schools:
By Cities, Towns and Counties

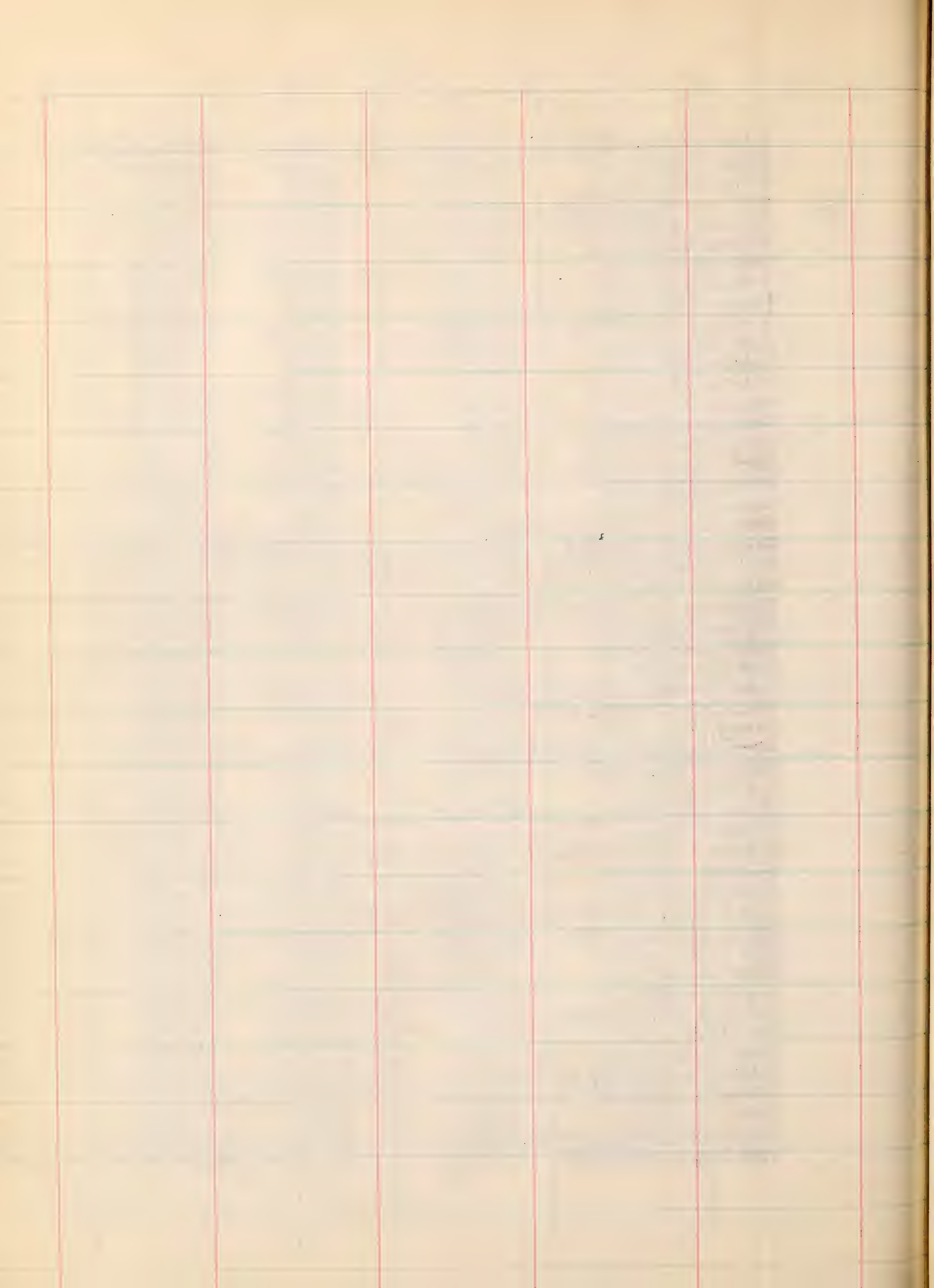
School Year ending August 31, 1957
Key to Type Schools

IIa. Industrial Day Boys
IIa. Industrial Part-time Cooperative
IIb. Industrial Part-time Evening Trade Extension
IIc. Industrial Part-time Apprentices
IId. Industrial Part-time Vocational Art
II. Continuation
III. Continuation General Improvement (Boys)
IIIIa. Household Arts Day School

IIIIb. Household Arts Day High School Department
IIIIc. Household Arts Evening
IVIa. Agricultural Day School
IVIb. Agricultural Day High School Department
IVc. Agricultural Evening
Vla. Distributive Occupation Part-time Cooperative
Vb. Distributive Occupation Evening

| CITIES, TOWNS
AND
COUNTIES | EXPENDITURES | | | | | | | | RECEIPTS | | | | | STATE REIMBURSEMENTS | | | |
|--|---------------------------------------|--------------------|-----------------|--------------|--|----------------------|--------------|--|--|-------------------------------------|---|---|-----------------|----------------------|----------|----------------|-----------------------------|
| | Total Expenditures
State and Local | Total Construction | Total Equipment | Maintenance | Tuition and Transportation
Paid by Cities, Towns
not Maintaining Certain
Types of Vocational
Schools | Total
Maintenance | Total Income | Tuition Claims
Non-Residents and
State Wards | Federal Funds
Smith-Hughes and
George-Barden | Other Miscellaneous
Income Items | Cash Received from
Work and Products | Equivalent and Actual
Credits for Work
and Products | Net Maintenance | Maintenance | Tuition | Transportation | Total State
Expenditures |
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
| Abington IIa, III3 | 28,488.39 | — | 760.33 | 24,701.40 | 3,026.66 | 27,728.06 | 2,608.78 | 712.15 | 114.00 | 12.10 | 1,669.31 | 101.22 | 22,092.62 | 11,046.31 | 1,154.83 | 358.50 | 12,559.64 |
| Adams IIIIb | 6,222.54 | — | — | 6,167.94 | 54.60 | 6,222.54 | 692.58 | 692.58 | — | — | — | — | 5,475.36 | 2,765.68 | 27.30 | — | 2,792.98 |
| Agawam IIIIb, 3, IVIb | 22,206.17 | — | — | 14,035.42 | 8,170.75 | 22,206.17 | 3,166.63 | 1,650.00 | 1,505.63 | 11.00 | — | — | 11,040.75 | 5,974.36 | 3,681.68 | 403.70 | 10,059.74 |
| Amherst - Pelham Regional III3 | 9,245.54 | — | — | 2,110.34 | 7,135.20 | 9,245.54 | 210.00 | — | — | 210.00 | — | — | 1,900.34 | 950.17 | 2,556.76 | 899.97 | 4,406.90 |
| Andover III3 | 4,017.45 | — | — | 1,871.00 | 2,146.45 | 4,017.45 | 6.00 | 6.00 | — | — | — | — | 1,865.00 | 932.50 | 969.20 | 104.03 | 2,005.73 |
| Arlington IIa, 2a, 2c, III3 | 92,604.49 | — | 1,150.83 | 89,558.97 | 1,894.69 | 91,453.66 | 8,191.35 | 2,821.00 | 2,473.36 | 870.00 | 1,931.27 | 95.72 | 81,367.62 | 40,683.81 | 905.54 | 41.80 | 41,631.15 |
| Athol III3 | 5,870.59 | — | 93.95 | 1,590.38 | 4,186.26 | 5,776.64 | 225.60 | 225.60 | — | — | — | — | 1,364.78 | 682.39 | 1,953.58 | 1,986.11 | 4,622.08 |
| Attleboro IIa, 2c, 2d | 36,599.71 | — | 205.29 | 35,417.79 | 976.63 | 36,394.42 | 1,999.80 | 721.80 | 1,278.00 | — | — | — | 33,417.99 | 16,809.00 | 488.31 | — | 17,297.31 |
| Auburn III3 | 12,263.76 | — | — | 1,500.00 | 10,763.76 | 12,263.76 | 1,000.00 | — | 1,000.00 | — | — | — | 500.00 | 250.00 | 4,642.08 | 739.80 | 5,631.88 |
| Avon IIa, IIIIb | 18,635.44 | — | 2,756.30 | 15,220.88 | 658.26 | 15,879.14 | 8,630.59 | — | 8,458.34 | — | 47.33 | 124.92 | 6,590.29 | 3,295.15 | 329.13 | — | 3,624.28 |
| Ayer III3 | 3,325.03 | — | — | 550.00 | 2,775.03 | 3,325.03 | 407.00 | — | 350.00 | 57.00 | — | — | 143.00 | 71.50 | 855.60 | 531.91 | 1,459.01 |
| Barnstable IIa, 2d, IIIIb, 3, IVIb | 37,258.27 | — | 476.60 | 36,475.57 | 306.10 | 36,781.67 | 5,232.13 | 792.48 | 1,901.00 | — | 2,429.89 | 108.76 | 31,541.95 | 16,649.14 | 153.05 | — | 16,802.19 |
| Bedford III3 | 5,067.71 | — | — | 2,868.23 | 2,199.48 | 5,067.71 | 1,561.00 | — | 1,400.00 | 161.00 | — | — | 1,307.23 | 653.62 | 796.02 | 303.72 | 1,753.36 |
| Belchertown III3 | 10,379.01 | — | 30.22 | 4,705.55 | 5,643.24 | 10,348.79 | — | — | — | — | — | — | 4,705.55 | 2,352.78 | 2,005.15 | 816.48 | 5,174.41 |
| Belmont IIa, III3 | 59,486.70 | — | 1,661.26 | 57,118.14 | 707.30 | 57,825.44 | 4,474.48 | 3,016.70 | 502.00 | 78.00 | 677.78 | 200.00 | 52,643.66 | 26,321.83 | 346.05 | 7.60 | 26,675.48 |
| Bernardston III3 | 1,960.14 | — | — | 710.00 | 1,250.14 | 1,960.14 | 184.40 | 98.40 | — | 86.00 | — | — | 525.60 | 262.80 | 571.16 | 168.05 | 1,002.01 |
| Beverly IIa, 2a, 2c, 2d, IIIIb, 3 | 109,771.87 | 171.69 | 2,455.48 | 106,747.20 | 397.50 | 107,144.70 | 19,145.73 | 10,844.24 | 3,413.00 | — | 3,933.22 | 955.27 | 87,601.47 | 43,800.74 | 198.75 | — | 43,999.49 |
| Billerica III3 | 9,224.86 | — | — | 2,890.00 | 6,334.86 | 9,224.86 | 899.40 | 116.40 | 600.00 | 183.00 | — | — | 1,990.60 | 995.30 | 2,763.50 | 403.93 | 4,162.73 |
| Boston IIa, 1b, 1c, 2a, 2c, 2d, II, III3, IVIb, VIa, 2 | 1,697,351.34 | 41,525.74 | 9,630.57 | 1,643,337.89 | 2,857.14 | 1,646,195.03 | 163,624.57 | 54,412.39 | 75,084.00 | 1,534.04 | 28,730.88 | 3,863.26 | 1,437,229.49 | 722,000.42 | 1,428.57 | — | 723,428.99 |
| Bourne IIIIb, 3 | 9,501.20 | 24.33 | 95.68 | 7,702.91 | 1,678.28 | 9,381.19 | 535.00 | — | 480.00 | 55.00 | — | — | 7,167.91 | 3,583.95 | 762.64 | 76.50 | 4,423.09 |
| Braintree III3 | 9,389.77 | — | — | 3,483.97 | 5,905.80 | 9,389.77 | 331.00 | — | 148.00 | 183.00 | — | — | 3,152.97 | 1,576.49 | 2,710.10 | 242.80 | 4,529.39 |
| Bridgewater III3, IVIb, 3 | 6,259.14 | — | 33.80 | 4,993.30 | 1,232.04 | 6,225.34 | 2,236.63 | 553.60 | 1,577.03 | 106.00 | — | — | 2,679.13 | 1,609.79 | 447.02 | 169.00 | 2,225.81 |
| Bristol County IVIa, 3 | 332,800.91 | 14,969.70 | 8,741.23 | 309,089.98 | — | 309,089.98 | 51,203.11 | 9,945.60 | 14,604.00 | 1,219.68 | 18,762.69 | 6,671.14 | 257,886.87 | 128,943.43 | — | 32.25 | 31,515.81 |
| Brockton IIa, 2c, 2d, IIIIb, 3, VIa | 81,935.83 | — | 3,534.24 | 77,008.98 | 1,392.61 | 78,401.59 | 15,857.61 | 11,197.74 | 3,575.76 | 497.06 | 587.05 | — | 61,151.37 | 30,819.51 | 664.05 | 8.55 | 10,641.32 |
| Brookline III3 | 24,228.89 | — | 144.60 | 22,790.57 | 1,293.72 | 24,084.29 | 2,725.25 | 434.25 | 735.00 | 1,556.00 | — | — | 20,065.32 | 10,032.66 | 600.11 | 127.45 | 1,442.15 |
| Burlington III3 | 2,884.29 | — | — | 1,153.00 | 1,731.29 | 2,884.29 | — | — | — | — | — | — | 1,153.00 | 576.50 | 738.20 | — | — |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|------------|-----------|-----------|------------|-----------|------------|-----------|-----------|-----------|----------|-----------|----------|------------|------------|----------|----------|------------|
| Cambridge Ma, IIIa, 3 | 78,763.85 | — | 2,722.07 | 72,468.35 | 3,573.43 | 76,041.78 | 704.00 | — | 704.00 | — | — | — | 71,764.35 | 35,882.17 | 1,410.72 | 176.00 | 37,668.89 |
| Canton III3 | 8,492.07 | — | 279.90 | 3,000.91 | 5,211.26 | 8,212.17 | 843.00 | — | 600.00 | 243.00 | — | — | 2,157.91 | 1,078.96 | 2,151.93 | 686.31 | 3,917.20 |
| Carver III3 | 12,167.11 | — | — | 858.66 | 11,308.45 | 12,167.11 | 508.10 | 8.10 | 500.00 | — | — | — | 350.00 | 175.28 | 2,811.21 | 2,843.00 | 5,829.49 |
| Charlton IIIb, IVb | 9,226.52 | — | 61.07 | 8,605.25 | 560.20 | 9,165.45 | 346.00 | — | 346.00 | — | — | — | 7,220.63 | 4,298.82 | 229.00 | 51.19 | 4,578.92 |
| Chicopee Ma, 2e, III3, Via | 145,535.12 | — | — | 137,671.78 | 7,863.34 | 145,535.12 | 15,671.78 | — | 11,447.00 | — | 4,137.89 | 86.89 | 122,000.00 | 61,000.00 | 3,786.61 | 145.97 | 64,931.68 |
| Clinton III3 | 14,985.21 | — | — | 1,820.66 | 13,164.55 | 14,985.21 | 51.00 | 51.00 | — | — | — | — | 1,769.66 | 824.83 | 5,346.22 | 1,236.05 | 7,467.10 |
| Cohasset III3 | 3,473.96 | — | — | 2,156.85 | 1,317.11 | 3,473.96 | 890.00 | — | 800.00 | 90.00 | — | — | 1,266.85 | 633.43 | 548.30 | 113.25 | 1,291.98 |
| Concord III3 | 5,854.64 | — | 145.00 | 5,445.87 | 262.87 | 5,708.74 | 1,313.00 | 288.00 | 742.00 | 283.00 | — | — | 4,132.87 | 2,066.44 | 126.79 | 5.35 | 2,197.88 |
| Conway III3 | 2,480.00 | — | — | 360.00 | 2,120.00 | 2,480.00 | 363.00 | — | 270.00 | 93.00 | — | — | 3.00 | — | 782.90 | 671.03 | 1,453.93 |
| Dartmouth Ma, IIIb, 3, IVb, 3 | 31,009.94 | — | 101.91 | 26,121.62 | 4,786.41 | 30,908.03 | 2,097.00 | — | 1,966.00 | — | 131.00 | — | 24,373.98 | 12,986.60 | 2,044.61 | 148.60 | 15,379.81 |
| Deerfield III3 | 2,546.31 | — | — | 459.00 | 2,087.31 | 2,546.31 | 459.65 | 88.65 | 300.00 | 71.00 | — | — | .65 | — | 853.73 | 192.63 | 1,046.36 |
| Dennis III3 | 997.50 | — | — | 750.50 | 207.00 | 957.50 | 59.00 | — | — | 59.00 | — | — | 691.50 | 345.75 | 73.75 | 29.75 | 449.25 |
| Dighton Ma | 23,355.32 | — | — | 23,111.42 | 243.90 | 23,355.32 | 9,411.97 | 6,651.00 | 977.50 | — | 1,783.47 | — | 13,699.45 | 6,849.73 | 121.95 | — | 6,971.68 |
| Dover III3 | 1,271.66 | — | — | 744.00 | 527.66 | 1,271.66 | 27.00 | 27.00 | — | — | — | — | 717.00 | 358.50 | 189.43 | 74.00 | 622.33 |
| Duxbury IIIb, 3 | 5,836.35 | — | — | 5,809.05 | 27.30 | 5,836.35 | 477.50 | 6.00 | 412.50 | 59.00 | — | — | 5,331.55 | 2,665.77 | 13.65 | — | 2,679.42 |
| Easthampton III3 | 14,772.06 | — | — | 1,536.00 | 13,236.06 | 14,772.06 | 558.50 | 94.50 | 300.00 | 164.00 | — | — | 977.50 | 488.75 | 5,205.03 | 1,413.00 | 7,106.78 |
| East Longmeadow III3 | 13,720.71 | — | — | 2,987.83 | 10,732.88 | 13,720.71 | 1,269.00 | 174.00 | 850.00 | 245.00 | — | — | 1,718.83 | 859.42 | 5,975.39 | 499.10 | 7,333.91 |
| Easton IIIb | 7,028.83 | — | — | 4,304.82 | 2,724.01 | 7,028.83 | — | — | — | — | — | — | 4,304.82 | 2,152.41 | 1,157.48 | 204.53 | 3,514.42 |
| Essex III3 | 5,047.49 | — | 12.88 | 481.00 | 4,553.61 | 5,034.61 | 39.00 | — | — | 39.00 | — | — | 442.00 | 221.00 | 1,986.55 | 290.25 | 2,497.80 |
| Essex County IIIb, 3, IVa, 3 | 536,310.37 | 10,822.29 | 15,925.50 | 509,562.58 | — | 509,562.58 | 90,098.72 | 17,620.00 | 15,680.05 | 6,307.27 | 50,491.40 | — | 419,463.86 | 209,731.93 | — | — | 209,731.93 |
| Everett Ma, IIIa, 3 | 175,443.75 | — | 4,608.89 | 169,803.88 | 1,030.98 | 170,834.86 | 16,422.89 | 12,960.48 | 1,829.00 | 175.00 | — | 183.86 | 153,380.99 | 76,872.57 | 515.49 | — | 77,388.06 |
| Fall River Ma, 1b, 2e, IIIa, 1b, 3, V 3 | 203,295.90 | — | 4,540.96 | 198,092.39 | 622.55 | 198,754.94 | 25,092.57 | 6,310.38 | 12,138.00 | 4,309.50 | 2,334.69 | — | 172,999.82 | 86,499.92 | 331.28 | — | 86,831.20 |
| Falmouth IIIb, 3, IVb | 12,081.77 | — | — | 12,005.47 | 76.30 | 12,081.77 | 2,487.08 | 900.08 | 1,587.00 | — | — | — | 9,731.35 | 5,740.38 | 38.15 | — | 5,778.53 |
| Fitchburg Ma, 2e, 2d, IIIa, Via | 96,605.68 | — | 540.99 | 82,735.04 | 13,329.65 | 96,064.69 | 15,194.33 | 7,511.41 | 7,263.70 | — | 360.74 | 58.48 | 67,540.71 | 33,841.04 | 5,588.44 | 1,076.38 | 40,505.86 |
| Foxboro IIIb | 10,080.67 | — | 49.03 | 8,827.41 | 1,204.23 | 10,031.64 | 3,275.00 | — | 3,275.00 | — | — | — | 5,552.41 | 2,776.20 | 510.79 | 91.32 | 3,378.31 |
| Framingham Ma, 2e | 46,010.85 | 22.50 | 629.58 | 36,194.86 | 9,163.91 | 45,358.77 | 1,726.74 | 1,358.41 | 303.00 | — | 58.98 | 6.35 | 34,468.12 | 17,234.06 | 3,867.56 | 714.40 | 21,816.02 |
| Franklin III3 | 3,424.38 | — | — | 1,941.70 | 1,482.68 | 3,424.38 | 431.00 | 162.00 | — | 269.00 | — | — | 1,510.70 | 755.35 | 619.10 | 122.24 | 1,496.69 |
| Frontier Regional IIIb, IVb | 12,759.32 | — | — | 12,759.32 | — | 12,759.32 | 8,917.88 | 468.00 | — | — | 8,449.88 | — | 2,379.75 | 1,189.87 | — | — | 1,189.87 |
| Gloucester Ma, 2d, III3 | 78,319.62 | — | 832.24 | 77,055.68 | 431.70 | 77,487.38 | 9,292.34 | 6,392.12 | 896.00 | 333.51 | 50.00 | 1,620.71 | 67,763.34 | 33,881.67 | 215.85 | — | 34,097.52 |
| Granby III3 | 2,144.98 | — | — | 612.15 | 1,532.83 | 2,144.98 | 270.00 | — | 270.00 | — | — | — | 342.15 | 171.08 | 702.27 | 64.14 | 937.49 |
| Greenfield Ma, 2e, 2d, IIIb, 3 | 104,834.58 | — | 1,044.80 | 102,726.25 | 1,063.53 | 103,789.78 | 13,771.23 | 10,319.66 | 2,453.20 | — | — | 798.37 | 88,955.02 | 45,294.61 | 464.80 | 106.37 | 45,865.78 |
| Hadley IIIb, IVb | 10,236.11 | — | — | 8,706.16 | 1,529.95 | 10,236.11 | 8,300.00 | — | 8,300.00 | — | — | — | 129.24 | 64.62 | 627.67 | 137.30 | 829.59 |
| Hanover III3 | 2,681.88 | — | — | 760.00 | 1,921.88 | 2,681.88 | 110.45 | 62.95 | — | 47.50 | — | — | 649.55 | 324.78 | 630.80 | 330.14 | 1,285.72 |
| Hanson III3 | 3,667.78 | — | — | 711.90 | 2,955.88 | 3,667.78 | 47.80 | — | — | 47.80 | — | — | 664.10 | 332.05 | 1,050.69 | 427.25 | 1,809.99 |
| Harwich III3 | 854.50 | — | — | 830.00 | 24.50 | 854.50 | — | — | — | — | — | — | 830.00 | 415.00 | 12.25 | — | 427.25 |
| Haverhill Ma, 2a, 2e, 2d, IIIb, 3, Via, 3 | 295,323.89 | — | 7,017.53 | 287,784.09 | 522.27 | 288,306.36 | 64,761.50 | 37,150.75 | 15,722.77 | 9,998.72 | 1,297.43 | 591.83 | 223,022.59 | 111,730.59 | 261.13 | — | 111,991.72 |
| Holbrook III3 | 5,927.90 | — | — | 1,620.00 | 4,307.90 | 5,927.90 | 360.00 | — | 360.00 | — | — | — | 1,260.00 | 530.00 | 1,748.64 | 405.31 | 2,783.95 |
| Holliston IIIb | 7,870.55 | — | — | 5,249.14 | 2,621.41 | 7,870.55 | — | — | — | — | — | — | 5,249.14 | 2,624.57 | 1,055.48 | 255.23 | 3,935.28 |
| Holyoke Ma, 2a, 2e, 2d, IIIb, 3, Via, 3 | 204,844.48 | — | 1,836.45 | 198,844.15 | 3,796.88 | 202,641.03 | 21,407.32 | 11,818.29 | 7,343.00 | 1,203.00 | 574.46 | 468.57 | 177,436.83 | 88,718.42 | 1,670.84 | 227.60 | 90,616.86 |
| Hudson IIIb, 3, IVb | 21,819.58 | — | — | 17,851.12 | 3,968.46 | 21,819.58 | 4,836.00 | 3,685.00 | 1,151.00 | — | — | — | 14,383.81 | 7,968.72 | 1,449.30 | 534.93 | 9,952.95 |
| Hull III3 | 3,312.52 | — | — | 670.00 | 2,642.52 | 3,312.52 | — | — | — | — | — | — | 670.00 | 335.00 | 1,128.13 | 193.13 | 1,656.26 |
| Lakeville III3 | 4,436.63 | — | — | 1,020.41 | 3,416.22 | 4,436.63 | 351.00 | 51.00 | 300.00 | — | — | — | 669.41 | 314.70 | 986.86 | 721.25 | 2,042.81 |
| Lancaster III3 | 3,149.99 | — | — | 595.00 | 2,554.99 | 3,149.99 | — | — | — | — | — | — | 595.00 | 297.50 | 803.10 | 394.40 | 1,575.00 |
| Laurence I2e, 2d, III3 | 47,558.18 | — | — | 42,638.34 | 4,919.84 | 47,558.18 | 5,006.91 | 3,378.90 | 1,486.00 | 70.20 | 71.81 | — | 37,631.43 | 18,815.72 | 2,135.92 | 356.00 | 21,307.64 |
| Lee IIIb | 4,381.14 | — | — | 3,956.14 | 425.00 | 4,381.14 | 156.25 | 156.25 | — | — | — | — | 3,799.89 | 1,899.94 | 210.30 | 2.50 | 2,112.44 |
| Lenox III3 | 1,037.70 | — | — | 1,003.50 | 34.20 | 1,037.70 | 499.50 | 132.00 | 367.50 | — | — | — | 504.00 | 252.00 | 17.10 | — | 269.10 |
| Leominster Ma, 2e, 2d, III3 | 96,912.25 | 232.54 | 1,090.66 | 86,580.30 | 9,008.75 | 95,589.05 | 29,908.85 | 18,661.85 | 10,584.00 | 663.00 | — | — | 56,671.45 | 28,335.73 | 3,426.37 | 1,018.00 | 32,840.10 |
| Lexington IIIb, 3 | 18,441.95 | — | 86.33 | 12,919.58 | 5,436.04 | 18,355.62 | 1,998.53 | 502.80 | 876.33 | 620.00 | — | — | 10,921.05 | 5,460.53 | 2,266.88 | 449.14 | 8,178.55 |
| Littleton IIIb | 453.70 | — | — | 100.00 | 353.70 | 453.70 | 100.00 | — | 100.00 | — | — | — | — | — | 106.20 | 70.65 | 176.85 |
| Lovell Ma, 2e, 2d, IIIa, 3, Via, 2 | 208,695.62 | — | 742.40 | 204,755.62 | 3,197.60 | 207,953.22 | 52,323.49 | 29,853.70 | 7,687.20 | 652.50 | 14,123.79 | 6.30 | 152,432.13 | 76,216.07 | 857.95 | 740.85 | 77,814.87 |
| Lynn Ma, 2e, 2d, III3 | 282,066.00 | 4,179.08 | 5,886.76 | 270,924.16 | 1,076.00 | 272,000.16 | 39,794.27 | 12,605.84 | 12,419.00 | 1,936.23 | 11,302.42 | 1,530.78 | 231,129.89 | 115,693.25 | 419.70 | 118.30 | 116,231.25 |



| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|---|------------|-----------|-----------|------------|-----------|------------|------------|------------|-----------|-----------|-----------|----------|------------|------------|----------|-----------|------------|
| Malden, Ma, 2c, 2d, V2 | 85,990.52 | — | 631.64 | 78,402.79 | 6,956.09 | 85,358.88 | 8,218.33 | 5,875.85 | 713.00 | — | 669.48 | 960.00 | 70,184.46 | 35,092.23 | 3,389.22 | 174.55 | 38,656.00 |
| Manchester III3 | 2,853.66 | — | 182.85 | 887.76 | 1,783.05 | 2,670.81 | 68.45 | 27.45 | — | 41.00 | — | — | 819.31 | 409.65 | 722.04 | 169.49 | 1,301.18 |
| Marion III3 | 2,869.17 | — | — | 1,218.43 | 1,650.74 | 2,869.17 | 215.30 | 15.30 | 200.00 | — | — | — | 1,003.13 | 501.57 | 632.24 | 193.13 | 1,326.94 |
| Marlboro Ma, 2c, 2d, V2 | 28,079.34 | — | 3,816.75 | 20,619.85 | 3,642.74 | 24,262.59 | 2,800.61 | 1,997.00 | 590.00 | — | — | 213.61 | 11,819.24 | 8,909.62 | 1,726.46 | 532.10 | 11,168.18 |
| Marshfield IIIIb | 7,059.25 | — | — | 4,831.17 | 2,228.08 | 7,059.25 | — | — | — | — | — | — | 4,831.17 | 2,415.58 | 954.79 | 159.25 | 3,529.62 |
| Medford Ma, 2c, 2d, III3, VIa | 168,156.22 | — | 3,476.34 | 162,098.45 | 2,581.43 | 164,679.88 | 38,319.18 | 18,734.41 | 17,845.50 | 630.00 | 109.61 | 999.66 | 123,779.27 | 61,963.33 | 1,188.31 | 102.40 | 63,254.04 |
| Medway III3 | 2,100.60 | — | — | 1,050.00 | 1,050.60 | 2,100.60 | 410.00 | — | 410.00 | — | — | — | 640.00 | 320.00 | 441.00 | 84.30 | 845.30 |
| Melrose III3 | 7,966.20 | — | — | 5,270.92 | 2,695.28 | 7,966.20 | 650.00 | — | 179.00 | 471.00 | — | — | 4,620.92 | 2,310.46 | 1,252.19 | 95.44 | 3,658.09 |
| Methuen III3 | 9,923.07 | — | — | 2,818.77 | 7,104.30 | 9,923.07 | 137.00 | — | — | 137.00 | — | — | 2,681.77 | 1,340.89 | 2,955.90 | 596.25 | 4,893.04 |
| Middleboro III3, IVIb | 11,378.69 | — | — | 5,632.51 | 5,746.18 | 11,378.69 | 1,200.17 | 431.40 | 768.77 | — | — | — | 4,658.60 | 2,932.63 | 1,941.11 | 931.98 | 5,805.72 |
| Millis III3 | 9,770.30 | — | — | 3,383.91 | 6,386.39 | 9,770.30 | 896.00 | 39.00 | 600.00 | 237.00 | — | — | 2,507.91 | 1,253.96 | 2,356.54 | 836.65 | 4,447.15 |
| Millis III3 | 743.40 | — | — | 685.00 | 58.40 | 743.40 | 150.00 | — | 150.00 | — | — | — | 535.00 | 267.50 | 29.20 | — | 296.70 |
| Milton III3 | 6,989.21 | — | 47.93 | 3,099.00 | 3,842.28 | 6,941.28 | 395.00 | — | 150.00 | 245.00 | — | — | 2,704.00 | 1,352.00 | 1,730.62 | 190.52 | 3,273.14 |
| Montague III3 | 8,283.55 | — | 98.47 | 3,860.37 | 4,324.71 | 8,185.08 | 1,005.00 | 251.00 | 600.00 | 154.00 | — | — | 2,855.37 | 1,427.69 | 1,400.10 | 762.25 | 3,590.04 |
| Nantucket Ma, III3 | 17,856.93 | 1,250.00 | 93.00 | 16,513.93 | — | 16,513.93 | 1,071.80 | — | 518.00 | — | 58.28 | 485.52 | 15,442.13 | 7,721.06 | — | — | 7,721.06 |
| New Bedford Ma, 2c, 2d, IIIIa, 3 | 419,689.82 | 925.00 | 7,468.21 | 410,899.61 | 397.00 | 411,296.61 | 82,791.24 | 41,672.39 | 18,849.00 | 6,024.31 | 11,896.27 | 4,349.27 | 328,108.37 | 164,054.19 | 108.90 | 63.10 | 164,226.19 |
| Newburyport Ma, IIIIb | 35,259.05 | — | 504.98 | 31,760.97 | 2,993.10 | 34,754.07 | 9,828.84 | 8,488.59 | 240.00 | 225.00 | — | 875.25 | 21,932.13 | 10,966.07 | 1,293.05 | 203.50 | 12,462.62 |
| New Salem IIIIb, IVIb, 3 | 22,568.83 | 850.00 | 256.68 | 21,454.95 | 7.20 | 21,462.15 | 21,092.24 | 15,367.00 | 5,725.24 | — | — | — | 3,436.44 | 23.12 | 3.60 | — | 26.72 |
| Newton Ma, 2a, 2c, 2d, III3 | 253,729.60 | — | 13,853.33 | 237,881.10 | 1,995.17 | 239,876.27 | 42,714.08 | 32,567.58 | 7,750.00 | 1,558.90 | 640.48 | 197.12 | 195,167.02 | 97,583.51 | 880.73 | 116.85 | 98,581.09 |
| Norfolk County IVIa, 1b | 340,932.30 | 10,620.92 | 11,440.95 | 318,870.43 | — | 318,870.43 | 61,779.82 | 13,090.00 | 8,068.00 | 9,471.84 | 31,149.98 | — | 257,090.61 | 128,545.30 | — | — | 128,545.30 |
| North Adams Ma, IIIIb, 3, V2 | 30,297.27 | — | 633.81 | 29,134.96 | 528.50 | 29,663.46 | 2,085.25 | 1,734.00 | 266.00 | — | — | 85.25 | 27,049.71 | 13,524.85 | 180.25 | 84.00 | 13,789.10 |
| Northampton Ma, 2c, 2d, IIIIa, 3, IVIa | 231,819.50 | 6,427.42 | 11,842.85 | 208,045.43 | 5,503.80 | 213,549.23 | 87,333.33 | 37,490.16 | 20,259.00 | 10,724.58 | 15,388.47 | 3,471.12 | 120,712.10 | 60,981.05 | 1,968.58 | 783.33 | 63,732.96 |
| North Attleboro III3 | 4,698.67 | — | — | 2,431.78 | 2,266.89 | 4,698.67 | 569.00 | 157.00 | 300.00 | 112.00 | — | — | 1,862.78 | 931.39 | 873.15 | 260.30 | 2,064.84 |
| Northbridge Ma, IIIIb, 3 | 24,307.72 | — | — | 22,499.43 | 1,808.29 | 24,307.72 | 7,618.31 | 6,581.91 | 1,006.00 | — | 31.00 | — | 14,881.12 | 7,471.99 | 576.78 | 327.87 | 8,376.64 |
| North Brookfield IVIb | 8,898.68 | — | — | 5,606.26 | 3,292.42 | 8,898.68 | 5,514.58 | 486.00 | 5,028.58 | — | — | — | 334.68 | 142.12 | 1,750.94 | 691.54 | 2,584.60 |
| Northfield III3 | 2,916.30 | — | — | 424.77 | 2,491.53 | 2,916.30 | 67.20 | 28.20 | — | 39.00 | — | — | 357.57 | 178.73 | 277.40 | 974.07 | 1,430.25 |
| Norton IIIIb | 4,327.49 | — | — | 4,034.09 | 293.40 | 4,327.49 | — | — | — | — | — | — | 4,034.09 | 2,017.05 | 146.70 | — | 2,163.75 |
| Norwell III3 | 1,642.23 | — | — | 762.38 | 879.85 | 1,642.23 | 534.00 | — | 500.00 | 34.00 | — | — | 228.38 | 114.19 | 306.02 | 133.90 | 554.11 |
| Norwood Ma, 1b, 2c, III3 | 131,455.21 | — | — | 124,707.75 | 6,747.46 | 131,455.21 | 56,057.97 | 20,034.09 | 4,324.00 | 21,887.95 | 9,053.88 | 758.05 | 68,649.78 | 34,464.89 | 2,849.63 | 524.10 | 37,838.62 |
| Orange IIIIb | 14,687.12 | — | — | 4,397.37 | 10,289.75 | 14,687.12 | 155.75 | 155.75 | — | — | — | — | 4,241.62 | 2,120.81 | 3,179.88 | 2,225.00 | 7,525.69 |
| Palmer IIIIb, 3 | 14,089.46 | — | 64.35 | 7,919.51 | 6,105.60 | 14,025.11 | — | — | — | — | — | — | 7,919.51 | 3,959.73 | 2,199.60 | 1,305.00 | 7,464.35 |
| Peabody Ma, VIa | 55,840.74 | 70.80 | 2,035.94 | 50,845.96 | 2,888.04 | 53,734.00 | 6,518.43 | 225.00 | 3,777.01 | — | 1,968.91 | 547.51 | 44,827.53 | 22,163.77 | 1,246.32 | 197.70 | 23,607.79 |
| Pittsfield Ma, 2a, 2c, 2d, IIIIb, 3, VIa, 2 | 194,136.90 | — | 14,998.35 | 178,966.55 | 172.00 | 179,138.55 | 34,446.01 | 13,888.20 | 18,190.50 | 220.00 | 348.36 | 1,798.95 | 144,580.54 | 72,260.27 | 86.00 | — | 72,346.27 |
| Plymouth Ma, III3 | 6,197.70 | — | — | 2,557.51 | 3,640.19 | 6,197.70 | 1,022.30 | 298.80 | 562.50 | 161.00 | — | — | 1,535.21 | 767.60 | 1,294.77 | 525.33 | 2,587.70 |
| Provincetown Ma, IIIIb, 3 | 13,245.20 | — | 223.65 | 13,021.55 | — | 13,021.55 | 2,936.63 | 1,095.00 | 500.00 | — | 1,341.63 | — | 10,081.92 | 5,042.46 | — | — | 5,042.46 |
| Quincy Ma, 2c, 2d, III3, VIa | 198,115.29 | — | 7,042.62 | 185,657.39 | 5,415.28 | 191,072.67 | 26,279.93 | 15,961.03 | 9,059.00 | — | 436.50 | 823.40 | 159,377.46 | 79,688.73 | 2,423.99 | 283.65 | 82,396.37 |
| Randolph Ma, IIIIb, 3 | 36,373.35 | — | 1,218.97 | 24,424.48 | 10,729.90 | 35,154.38 | 8,544.00 | — | 7,650.01 | — | 893.99 | — | 7,940.24 | 4,689.85 | 675.10 | 13,305.19 | 4,095.26 |
| Revere III3 | 8,390.52 | — | — | 2,489.00 | 5,901.52 | 8,390.52 | 200.00 | — | 200.00 | — | — | — | 2,289.00 | 1,144.50 | 2,863.26 | 67.50 | 4,095.26 |
| Rochester III3 | 7,059.78 | — | — | 615.70 | 6,444.08 | 7,059.78 | 121.20 | 46.20 | 75.00 | — | — | — | 494.50 | 247.25 | 2,532.04 | 690.00 | 3,469.29 |
| Rockland III3 | 4,617.64 | — | — | 1,669.13 | 2,948.51 | 4,617.64 | 88.00 | — | — | 88.00 | — | — | 1,581.13 | 790.57 | 1,217.88 | 256.37 | 2,264.82 |
| Salem Ma, 2c, IIIIb, 3, VIa | 86,824.68 | — | 7,132.31 | 76,344.37 | 3,348.00 | 79,692.37 | 18,186.68 | 3,190.00 | 14,042.68 | — | 348.82 | 605.18 | 58,157.69 | 29,078.84 | 436.46 | 30,752.84 | 3,114.27 |
| Saugus IIIIb, 3 | 16,281.29 | — | 71.82 | 11,862.64 | 4,346.83 | 16,209.47 | 9,980.93 | — | 9,899.93 | 81.00 | — | — | 1,881.71 | 940.86 | 1,987.91 | 185.50 | 3,114.27 |
| Scituate IIIIb, 3 | 8,732.59 | — | — | 7,938.44 | 794.15 | 8,732.59 | 247.00 | — | 150.00 | 97.00 | — | — | 7,691.44 | 3,845.72 | 342.50 | 54.58 | 4,242.80 |
| Seekonk III3 | 1,448.50 | — | — | 1,419.70 | 28.80 | 1,448.50 | 399.00 | — | 300.00 | 99.00 | — | — | 1,020.70 | 510.35 | 14.40 | — | 524.75 |
| Shelburne IIIIb, 3, IVIb | 13,622.63 | — | 19.75 | 13,458.62 | 144.26 | 13,602.88 | 9,669.56 | 8,001.56 | 1,636.00 | 32.00 | — | — | 6,368.55 | 2,656.01 | 72.13 | — | 2,728.14 |
| Silver Lake Regional Ma, IIIIb, 3, IVIb | 47,599.32 | — | 950.00 | 46,649.32 | — | 46,649.32 | 35,151.51 | 3,442.60 | 31,596.97 | — | 111.94 | — | 11,544.49 | 5,772.24 | — | — | 5,772.24 |
| Somerset III3 | 1,548.00 | — | — | 1,548.00 | — | 1,548.00 | — | — | — | — | — | — | 1,548.00 | 774.00 | 1,717.78 | 235.13 | 2,726.91 |
| Somerville Ma, 2c, IIIIb, 3, VIa | 163,496.11 | — | 1,130.36 | 154,696.72 | 7,669.03 | 162,365.75 | 8,735.92 | 1,260.17 | 7,421.00 | — | 44.75 | 10.00 | 145,960.80 | 72,980.40 | 3,598.47 | 236.05 | 76,814.92 |
| Southbridge Ma, 2a, 2c, 2d, III3 | 89,395.52 | 189.28 | 838.66 | 86,697.71 | 1,669.87 | 88,367.58 | 8,460.26 | 6,453.13 | 936.00 | 149.20 | 7.85 | 914.08 | 78,237.45 | 39,118.73 | 642.94 | 192.00 | 39,953.67 |
| South Hadley III3 | 7,656.94 | — | — | 562.77 | 7,094.17 | 7,656.94 | 200.00 | — | 200.00 | — | — | — | 362.77 | 181.39 | 3,242.76 | 304.33 | 3,728.48 |
| Spencer III3 | 9,436.19 | — | — | 721.50 | 8,714.69 | 9,436.19 | 400.00 | — | 400.00 | — | — | — | 321.50 | 160.75 | 725.40 | — | 4,536.49 |
| Springfield Ma, 1b, 1b ¹ , 2a, 2c, 2d, IIIIa, 3, VIa | 667,248.69 | 12.00 | 9,602.25 | 654,988.18 | 2,646.26 | 657,634.44 | 161,173.02 | 116,591.12 | 16,758.80 | 20,838.19 | 3,409.40 | 3,575.51 | 493,815.16 | 248,105.55 | 879.00 | 444.13 | 249,428.68 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 |
|--|---------------|------------|------------|---------------|--------------|---------------|--------------|------------|------------|------------|------------|-----------|--------------|--------------|------------|------------|--------------|
| Stockbridge IVlb | 7,985.34 | — | — | 7,889.34 | 96.00 | 7,985.34 | 4,618.58 | 2,317.98 | 2,301.00 | — | — | — | 2,174.07 | 502.31 | 48.00 | — | 550.31 |
| Stoughton III3 | 7,277.92 | — | — | 2,688.67 | 4,589.25 | 7,277.92 | 494.20 | 19.20 | 300.00 | 175.00 | — | — | 2,194.47 | 1,097.24 | 2,230.62 | 402.15 | 3,730.01 |
| Swansea IIa, III3 | 10,522.12 | — | 43.15 | 9,638.39 | 840.58 | 10,478.97 | 819.96 | 519.96 | 300.00 | — | — | — | 8,818.43 | 4,409.21 | 405.04 | 15.25 | 4,829.50 |
| Taunton IIa, 1b, 2c, 2d, IIla, 3 | 61,632.34 | — | 4,099.14 | 57,301.67 | 231.53 | 57,533.20 | 16,558.08 | 6,635.00 | 9,655.00 | — | 151.55 | 116.53 | 40,743.59 | 20,488.80 | 115.76 | — | 20,602.56 |
| Templeton IIIlb, 3, IVlb, 3 | 22,353.74 | 86.40 | 261.81 | 17,919.88 | 4,085.65 | 22,005.53 | 9,294.37 | 7,665.31 | 1,368.00 | 261.06 | — | — | 9,959.11 | 4,908.34 | 1,059.68 | 983.15 | 6,951.17 |
| Tewksbury IIIlb | 8,770.26 | — | 121.71 | 4,264.00 | 4,384.55 | 8,648.55 | — | — | — | — | — | — | 4,264.00 | 2,132.00 | 1,921.32 | 293.08 | 4,346.40 |
| Townsend IIIlb | 4,415.55 | — | 14.57 | 4,195.48 | 205.50 | 4,400.98 | — | — | — | — | — | — | 4,195.48 | 2,097.74 | 244.11 | — | 2,341.85 |
| Truro III3 | 1,136.22 | — | — | 587.76 | 548.46 | 1,136.22 | — | — | — | — | — | — | 587.76 | 298.88 | — | 274.23 | 573.11 |
| Wachusett Regional IIIlb, IVlb, 3 | 29,138.74 | — | 1,280.90 | 27,857.84 | — | 27,857.84 | 18,830.51 | 2,383.00 | 15,947.51 | — | — | — | 6,577.96 | 3,194.12 | — | — | 3,194.12 |
| Wakefield III3 | 9,334.87 | — | 20.00 | 4,397.37 | 4,917.50 | 9,314.87 | 1,083.20 | 31.20 | 726.00 | 326.00 | — | — | 3,314.17 | 1,657.08 | 2,248.85 | 209.90 | 4,115.83 |
| Waltham IIa, 2a, 2c, III3 | 122,529.15 | 3,283.27 | 611.54 | 113,220.84 | 5,413.50 | 118,634.34 | 29,162.08 | 8,393.34 | 10,928.92 | 300.00 | 5,860.24 | 3,679.58 | 84,058.76 | 42,029.38 | 2,571.21 | 135.54 | 44,736.13 |
| Wareham IIa, IIIlb, 3 | 18,307.91 | 25.79 | 788.68 | 16,892.95 | 600.49 | 17,493.44 | 3,280.31 | — | 1,611.00 | — | 1,301.26 | 368.05 | 13,612.64 | 6,806.32 | 228.10 | 72.15 | 7,106.97 |
| Warren III3 | 4,152.55 | — | — | 146.15 | 4,006.40 | 4,152.55 | 52.50 | — | 52.50 | — | — | — | 93.65 | 46.83 | 1,537.62 | 465.58 | 2,050.03 |
| Webster IIa, III3 | 62,990.08 | — | 1,923.12 | 56,967.27 | 4,099.69 | 61,066.96 | 8,041.06 | 6,837.65 | 512.00 | 48.00 | — | 643.41 | 48,926.21 | 24,463.10 | 1,585.72 | 464.13 | 26,512.95 |
| Wellesley III3 | 5,747.24 | — | — | 3,453.54 | 2,293.70 | 5,747.24 | 379.80 | 220.80 | — | 159.00 | — | — | 3,073.74 | 1,536.87 | 1,034.58 | 112.28 | 2,683.73 |
| West Bridgewater IIIlb | 7,706.07 | — | 120.45 | 4,791.08 | 2,794.54 | 7,585.62 | — | — | — | — | — | — | 4,791.08 | 2,395.54 | 1,166.57 | 230.70 | 3,792.81 |
| Westfield IIa, 2a, 2c, III3, IVlb | 117,778.15 | — | 4,697.91 | 109,443.96 | 3,636.28 | 113,080.24 | 24,449.41 | 11,582.34 | 6,326.00 | 5,963.97 | 523.60 | 53.50 | 91,257.00 | 46,069.32 | 1,733.72 | 84.42 | 47,887.46 |
| Westhampton III3 | 1,073.89 | — | — | 100.00 | 973.89 | 1,073.89 | 200.00 | — | 200.00 | — | — | — | — | — | 486.94 | 316.16 | 803.10 |
| Westport IIIlb, 3, IVlb, 3 | 19,892.72 | — | 67.42 | 13,825.29 | 6,000.01 | 19,825.30 | 2,200.50 | — | 2,200.50 | — | — | — | 11,307.52 | 6,383.38 | 1,187.89 | 1,009.01 | 8,580.28 |
| West Springfield IVlb | 17,693.94 | — | — | 6,562.62 | 11,131.32 | 17,693.94 | 1,882.00 | 1,170.00 | 712.00 | — | — | — | 4,867.22 | 2,956.15 | 5,171.80 | 406.53 | 8,534.48 |
| Westwood III3 | 4,827.81 | — | — | 2,969.50 | 1,858.31 | 4,827.81 | 643.60 | 93.60 | 350.00 | 200.00 | — | — | 2,325.90 | 1,162.95 | 720.46 | 208.70 | 2,092.11 |
| Weymouth IIa, 2c, 2d, III3 | 151,432.37 | — | 1,951.59 | 146,429.77 | 3,051.01 | 149,480.78 | 22,932.86 | 12,816.08 | 1,631.00 | 187.23 | 4,418.33 | 3,880.22 | 123,496.91 | 62,063.12 | 1,411.21 | 114.30 | 63,588.63 |
| Whitman III3 | 5,558.62 | — | — | 2,129.89 | 3,428.73 | 5,558.62 | 552.60 | 63.60 | 400.00 | 89.00 | — | — | 1,577.29 | 783.65 | 1,267.24 | 447.13 | 2,503.02 |
| Williamstown IVlb | 6,721.53 | — | — | 6,721.53 | — | 6,721.53 | 1,594.28 | 214.28 | 480.00 | 600.00 | 300.00 | — | 4,794.73 | 2,980.77 | — | — | 2,980.77 |
| Wilmington III3 | 9,629.02 | — | — | 3,728.16 | 5,900.86 | 9,629.02 | 1,878.20 | 862.20 | 612.00 | 404.00 | — | — | 1,849.96 | 791.25 | 2,527.43 | 423.00 | 3,741.68 |
| Winchendon IIa, IIIlb, 3 | 14,449.67 | 105.00 | 979.14 | 6,458.85 | 6,906.68 | 13,365.53 | 994.10 | — | 916.60 | 77.50 | — | — | 5,464.75 | 2,732.38 | 2,502.75 | 1,413.34 | 6,648.47 |
| Woburn III3 | 10,725.77 | — | 257.40 | 6,969.06 | 3,499.37 | 10,468.37 | 1,027.00 | — | 508.00 | 519.00 | — | — | 5,942.06 | 2,971.03 | 1,698.90 | 50.75 | 4,720.68 |
| Worcester IIa, 1b, 2c, 2d, IIla, 3, IVlb | 1,087,319.16 | 156,355.37 | 32,050.90 | 898,536.99 | 375.90 | 898,912.89 | 249,701.87 | 163,357.36 | 26,715.96 | 27,838.60 | 23,808.35 | 2,981.60 | 649,162.32 | 328,956.52 | 129.15 | 58.80 | 329,144.47 |
| Wrentham III3 | 3,028.36 | — | — | 450.00 | 2,578.36 | 3,028.36 | 329.00 | — | 300.00 | 29.00 | — | — | 121.00 | 60.50 | 1,015.74 | 273.44 | 1,349.68 |
| Yarmouth III3 | 1,128.30 | — | — | 1,041.00 | 87.30 | 1,128.30 | 54.80 | 31.80 | — | 23.00 | — | — | 1,027.20 | 513.60 | 43.65 | — | 557.25 |
| Cost to places paying tuition
in and transportation for, but
not maintaining these types of schools. | 603,258.66 | — | — | — | 603,258.66 | 603,258.66 | — | — | — | — | — | — | 603,258.66 | — | 241,990.71 | 59,638.62 | 301,629.33 |
| TOTALS - All schools | 11,515,245.92 | 252,149.12 | 228,892.48 | 9,928,247.06 | 1,105,957.26 | 11,034,204.32 | 1,914,652.49 | 894,081.04 | 555,255.35 | 145,756.44 | 269,182.92 | 50,376.74 | 9,884,147.57 | 4,006,984.40 | 449,983.25 | 111,087.84 | 4,568,055.49 |
| State Administration Expenditures | 235,005.21 | — | — | 235,005.21 | — | 235,005.21 | — | — | 131,252.54 | — | — | — | 103,752.67 | 103,752.67 | — | — | 103,752.67 |
| TOTALS | 11,750,251.13 | 252,149.12 | 228,892.48 | 10,163,252.27 | 1,105,957.26 | 11,269,209.53 | 2,045,905.03 | 894,081.04 | 686,507.89 | 145,756.44 | 269,182.92 | 50,376.74 | 9,987,900.24 | 4,110,737.07 | 449,983.25 | 111,087.84 | 4,671,808.16 |



Table No. 3a. Tabulation of State Disbursement for Vocational Education for Maintenance, Tuition, Transportation for School Year ending August 31, 1957.

| City, Town or County | Maintenance | Tuition | Trans-
portation | Total |
|----------------------|-------------|----------|---------------------|------------|
| Abington | 11,046.31 | 1,154.33 | 351.50 | 12,552.14 |
| Action | -- | 712.52 | 272.12 | 984.64 |
| Acushnet | -- | 6,435.35 | 206.92 | 7,642.77 |
| Adams | 2,765.68 | 27.30 | -- | 2,792.98 |
| Adams | 5,974.36 | 3,631.68 | 403.70 | 10,009.74 |
| Alford | -- | -- | -- | -- |
| Amesbury | -- | 4,004.25 | 1,074.00 | 5,078.25 |
| Amherst - Pelham | 950.17 | 2,264.61 | 199.97 | 4,414.75 |
| Andover Regional | 932.50 | 969.20 | 104.03 | 2,005.73 |
| Arlington | 40,683.81 | 905.54 | 41.40 | 41,630.75 |
| Ashburnham | -- | 2,444.10 | 643.67 | 3,087.77 |
| Ashby | -- | 72.90 | -- | 72.90 |
| Ashfield | -- | 647.68 | 304.00 | 951.68 |
| Ashland | -- | 785.37 | 139.56 | 924.93 |
| Athol | 682.39 | 1,953.55 | 1,946.11 | 4,582.05 |
| Attleboro | 16,409.00 | 444.31 | -- | 17,297.31 |
| Auburn | 250.00 | 4,642.00 | 739.40 | 5,631.40 |
| Avon | 3,295.15 | 329.13 | -- | 3,624.28 |
| Ayer | 71.50 | 855.60 | 531.91 | 1,459.01 |
| Barnstable | 16,649.14 | 153.05 | -- | 16,802.19 |
| Barre | -- | 1,201.90 | 465.63 | 1,747.53 |
| Berkley | -- | 277.97 | 1,058.20 | 1,336.17 |
| Bedford | 653.62 | 796.02 | 303.72 | 1,753.36 |
| Belchertown | 2,352.78 | 2,005.15 | 616.48 | 5,174.41 |
| Bellingham | -- | 55.12 | -- | 55.12 |
| Belaunt | 26,321.83 | 346.05 | 7.60 | 26,675.48 |
| Berkley | -- | 1,626.95 | 348.46 | 1,975.41 |
| Berlin | -- | 2,014.40 | 530.00 | 2,544.40 |
| Barnardston | 262.40 | 571.16 | 168.05 | 1,001.61 |
| Beverly | 43,600.74 | 194.75 | -- | 43,795.49 |
| Billerica | 995.30 | 2,763.60 | 403.93 | 4,162.83 |
| Blackstone | -- | 1,242.68 | 493.85 | 1,736.53 |
| Blanford | -- | 323.75 | 70.75 | 394.50 |
| Bolton | -- | 1,624.54 | 648.95 | 2,273.49 |
| Boston | 722,000.42 | 1,424.57 | -- | 723,424.99 |
| Bourne | 3,543.95 | 762.64 | 76.50 | 4,383.09 |
| Bordnorough | -- | 13.40 | -- | 13.40 |
| Bosford | -- | 31.65 | -- | 31.65 |
| Boylston | -- | 1,736.71 | -- | 1,736.71 |
| Braintree | 1,576.49 | 2,710.10 | 212.02 | 4,529.39 |
| Brewster | -- | 293.22 | 407.17 | 696.39 |
| Bridgewater | 1,609.79 | 447.02 | 149.00 | 2,205.81 |
| Bridfield | -- | 1,011.64 | 400.11 | 1,411.75 |
| Bristol County | 120,943.43 | -- | -- | 120,943.43 |
| Brockton | 30,619.51 | 1,964.95 | 32.25 | 32,616.71 |

| City, Town
or County | Maintenance | Tuition | Trans-
portation | Total |
|-------------------------|-------------|----------|---------------------|------------|
| Brookfield | --- | 226.13 | 16.75 | 272.68 |
| Brookline | 10,032.66 | 600.11 | 8.55 | 10,641.32 |
| Buckland | --- | 1,325.41 | 33.40 | 1,359.21 |
| Burlington | 576.50 | 738.20 | 127.15 | 1,441.85 |
| Cambridge | 35,662.17 | 1,610.72 | 176.00 | 37,448.89 |
| Canton | 1,076.96 | 2,151.93 | 616.31 | 3,845.20 |
| Carlisle | --- | 50.63 | --- | 50.63 |
| Cary | 175.20 | 2,411.21 | 2,113.00 | 5,829.49 |
| Charlton | --- | 39.35 | 14.50 | 53.85 |
| Charlton | 1,291.02 | 229.00 | 51.10 | 1,571.12 |
| Chatham | --- | 276.45 | --- | 276.45 |
| Chelmsford | --- | 2,143.89 | 374.50 | 2,518.39 |
| Chelsea | --- | 6,035.63 | 344.20 | 6,379.83 |
| Chester | --- | 327.09 | 30.20 | 357.29 |
| Chester | --- | 637.06 | 219.80 | 856.86 |
| Chesterfield | --- | 1,750.16 | 1,121.80 | 2,871.96 |
| Chicopee | 61,000.00 | 3,706.61 | 115.07 | 64,821.68 |
| Chilmark | --- | --- | --- | --- |
| Clarksburg | --- | 167.00 | --- | 167.00 |
| Clinton | 164.83 | 5,346.22 | 1,236.05 | 7,147.10 |
| Cobasset | 633.43 | 544.30 | 110.25 | 1,288.98 |
| Colebrook | --- | 990.36 | 101.40 | 1,091.76 |
| Concord | 2,066.44 | 126.09 | 5.35 | 2,197.88 |
| Conway | --- | 752.90 | 671.03 | 1,423.93 |
| Cumington | --- | 127.60 | 564.00 | 1,391.60 |
| Danvers | --- | 209.60 | --- | 209.60 |
| Danvers | --- | 2,363.22 | 197.10 | 2,560.32 |
| Dartmouth | 12,946.60 | 2,044.61 | 344.60 | 15,335.81 |
| Deerham | --- | 2,120.11 | 285.17 | 2,405.28 |
| Deerfield | --- | 853.73 | 192.63 | 1,046.36 |
| Dennis | 315.75 | 73.75 | 29.75 | 419.25 |
| Dighton | 6,149.73 | 121.95 | --- | 6,271.68 |
| Douglas | --- | 693.90 | 196.25 | 890.15 |
| Dover | 358.50 | 119.43 | 74.00 | 551.93 |
| Dracut | --- | 3,514.22 | 373.25 | 3,887.47 |
| Dudley | --- | 4,111.03 | 652.55 | 4,763.58 |
| Dunstable | --- | 5.40 | --- | 5.40 |
| Dunbury | 2,665.77 | 13.65 | --- | 2,679.42 |
| East Bridgewater | --- | 642.20 | 95.15 | 737.35 |
| East Brookfield | --- | 700.00 | 110.00 | 810.00 |
| Eastham | --- | 7.20 | --- | 7.20 |
| Easthampton | 144.75 | 5,205.03 | 1,413.00 | 7,100.78 |
| East Longmeadow | 159.42 | 5,975.39 | 109.10 | 7,300.91 |
| Easton | 2,152.41 | 1,157.40 | 204.53 | 3,514.34 |
| Edgartown | --- | --- | --- | --- |
| Enfield | --- | --- | --- | --- |
| Erving | --- | 1,124.21 | 564.03 | 1,688.24 |
| Essex | 221.00 | 1,916.55 | 290.25 | 2,427.80 |
| Essex County | 209,731.93 | --- | --- | 209,731.93 |
| Everett | 70,472.57 | 515.49 | --- | 70,988.06 |
| Fairhaven | --- | 3,721.64 | 375.34 | 4,096.98 |
| Fall River | 16,199.92 | 331.20 | --- | 16,531.12 |
| Falmouth | 5,740.30 | 30.15 | --- | 5,770.45 |
| Fitchburg | 33,041.04 | 5,500.44 | 1,076.38 | 39,617.86 |

| City, Town
or County | Maintenance | Tuition | Transporta-
tion | Total |
|-------------------------|-------------|----------|---------------------|------------|
| Florida | --- | --- | --- | --- |
| Fitchborough | 2,776.20 | 510.79 | 91.32 | 3,378.31 |
| Framingham | 17,234.06 | 3,467.56 | 714.40 | 21,416.02 |
| Franklin | 755.35 | 619.10 | 122.24 | 1,496.69 |
| Freetown | --- | 3,335.46 | 720.77 | 4,056.23 |
| Frontier Regional | 189.87 | --- | --- | 189.87 |
| Gardner | --- | 5,045.95 | 1,230.78 | 6,276.73 |
| Gay Head | --- | --- | --- | --- |
| Georgetown | --- | 1,591.05 | 225.00 | 1,816.05 |
| Gill | --- | 250.06 | 22.65 | 272.71 |
| Gloucester | 33,481.67 | 215.35 | --- | 34,697.02 |
| Goshen | --- | 520.60 | 422.00 | 1,050.60 |
| Gosnold | --- | 97.43 | --- | 97.43 |
| Grafton | --- | 5,162.29 | 1,161.60 | 6,323.89 |
| Grauby | 171.08 | 702.27 | 64.14 | 937.49 |
| Granville | --- | 697.95 | 265.50 | 963.45 |
| Great Barrington | --- | 807.19 | 520.65 | 1,327.84 |
| Greenfield | 45,294.61 | 464.40 | 106.37 | 45,865.38 |
| Groton | --- | 650.20 | 413.50 | 1,063.70 |
| Groveland | --- | 4,594.93 | 278.66 | 4,873.59 |
| Hadly | 64.62 | 627.67 | 137.30 | 829.59 |
| Halifax | --- | 9.00 | --- | 9.00 |
| Hamilton | --- | 275.41 | 10.50 | 285.91 |
| Hampton | --- | 3,138.68 | 940.10 | 4,078.78 |
| Hancock | --- | 437.14 | 205.20 | 642.34 |
| Haver | 324.78 | 630.40 | 330.14 | 1,285.32 |
| Hanson | 332.05 | 1,050.69 | 427.25 | 1,809.99 |
| Hartwick | --- | 273.08 | 201.25 | 474.33 |
| Harvard | --- | 346.45 | 130.00 | 476.45 |
| Hartwich | 415.00 | 12.25 | --- | 427.25 |
| Hatfield | --- | 1,476.33 | 371.60 | 1,847.93 |
| Haverhill | 111,730.59 | 261.13 | --- | 111,991.72 |
| Hawley | --- | 305.00 | 195.50 | 500.50 |
| Hath | --- | 328.35 | 461.00 | 789.35 |
| Hingham | --- | 1,316.93 | 614.22 | 1,931.15 |
| Hinsdale | --- | 944.75 | 542.37 | 1,487.12 |
| Holbrook | 630.00 | 1,744.64 | 405.31 | 2,779.95 |
| Holden | --- | 2,724.29 | 340.21 | 3,064.50 |
| Holland | --- | 352.25 | 195.00 | 547.25 |
| Holliston | 2,624.57 | 1,055.48 | 255.23 | 3,935.28 |
| Holyoke | 60,718.42 | 1,670.00 | 227.60 | 62,616.02 |
| Hopedale | --- | 1,495.43 | 471.00 | 1,966.43 |
| Hopkinton | --- | 562.71 | 157.10 | 719.81 |
| Hubbardsston | --- | 2,545.09 | 3,160.00 | 5,705.09 |
| Hudson | 7,966.72 | 1,449.30 | 534.93 | 9,950.95 |
| Hull | 335.00 | 1,124.13 | 193.13 | 1,652.26 |
| Huntington | --- | 1,393.40 | 623.50 | 2,016.90 |
| Ipswich | --- | 1,071.03 | 214.70 | 1,285.73 |
| Kingston | --- | 43.20 | --- | 43.20 |
| Lakeville | 334.70 | 906.96 | 721.25 | 2,062.91 |
| Leicester | 297.50 | 883.10 | 394.40 | 1,575.00 |
| Lanesborough | --- | 2,702.55 | 323.55 | 3,026.10 |
| Lawrence | 11,415.72 | 2,135.92 | 356.00 | 13,907.64 |

| City, Town
or County | Maintenance | Tuition | Trans-
portation | Total |
|-------------------------|-------------|----------|---------------------|------------|
| Lee | 1,899.94 | 210.00 | 250.00 | 2,359.94 |
| Leicester | — | 4,407.24 | 656.75 | 5,063.99 |
| Lenox | 252.00 | 17.10 | — | 269.10 |
| Leominster | 25,335.73 | 3,446.37 | 1,411.00 | 32,193.10 |
| Leverett | — | 1,649.00 | 2,219.74 | 3,868.74 |
| Lexington | 5,460.53 | 2,265.38 | 443.14 | 8,168.05 |
| Loyden | — | 1,025.00 | 373.56 | 1,398.56 |
| Lincoln | — | 672.22 | 161.60 | 833.82 |
| Littleton | — | 136.20 | 70.65 | 206.85 |
| Longmeadow | — | 656.68 | 77.35 | 734.03 |
| Lovell | 76,216.07 | 557.25 | 740.45 | 77,513.77 |
| Ludlow | — | 6,442.29 | 711.25 | 7,153.54 |
| Lunenburg | — | 451.70 | 111.50 | 563.20 |
| Lynn | 115,693.25 | 419.70 | 114.30 | 116,227.25 |
| Lynnfield | — | 197.38 | — | 197.38 |
| Malden | 35,092.23 | 3,344.40 | 174.55 | 38,611.18 |
| Manchester | 409.65 | 722.04 | 169.19 | 1,299.88 |
| Mansfield | — | 797.66 | 126.19 | 923.85 |
| Marblehead | — | 166.75 | 24.30 | 191.05 |
| Marion | 501.57 | 632.24 | 193.13 | 1,326.94 |
| Marlboro | 1,909.62 | 1,726.46 | 532.10 | 4,168.18 |
| Martineau | 2,411.58 | 954.79 | 159.25 | 3,525.62 |
| Massapee | — | 450.04 | — | 450.04 |
| Mattapoisett | — | 2,516.60 | 662.90 | 3,179.50 |
| Maynard | — | 405.05 | 167.94 | 572.99 |
| Medford | — | 147.10 | 48.00 | 195.10 |
| Medford | 61,963.33 | 1,108.31 | 102.40 | 63,174.04 |
| Medway | 320.00 | 445.34 | 44.30 | 809.64 |
| Melrose | 2,310.46 | 1,252.19 | 95.44 | 3,658.09 |
| Mendon | — | 644.59 | 169.70 | 814.29 |
| Merrimack | — | 1,740.15 | 320.30 | 2,060.45 |
| Methuen | 1,340.29 | 2,955.90 | 596.25 | 4,892.44 |
| Middleboro | 2,932.63 | 1,941.11 | 931.90 | 5,805.64 |
| Middlefield | — | — | — | — |
| Middleton | — | 266.10 | 73.00 | 339.10 |
| Milford | 1,253.96 | 2,356.54 | 836.65 | 4,447.15 |
| Millbury | — | 3,341.34 | 464.65 | 3,805.99 |
| Millis | 267.50 | 29.20 | — | 296.70 |
| Millville | — | 217.50 | 99.24 | 316.74 |
| Milton | 1,352.00 | 1,730.62 | 190.52 | 3,273.14 |
| Monroe | — | — | — | — |
| Monson | — | 3,157.50 | 1,295.00 | 4,452.50 |
| Montague | 1,427.69 | 1,400.10 | 762.25 | 3,590.04 |
| Montorez | — | — | — | — |
| Montgomery | — | 144.37 | — | 144.37 |
| Mount Washington | — | — | — | — |
| Nahant | — | 1,363.44 | 195.13 | 1,558.57 |
| Nantucket | 7,721.06 | — | — | 7,721.06 |
| Natick | — | 2,947.01 | 579.02 | 3,526.03 |
| Needham | — | 1,262.06 | 460.26 | 1,722.32 |
| New Ashford | — | — | — | — |
| New Bedford | 164,054.19 | 100.90 | 63.10 | 164,218.19 |

| City, Town
or County | Maintenance | Tuition | Trans-
Portation | Total |
|-------------------------|-------------|----------|---------------------|------------|
| Barre | — | 148.98 | 68.25 | 217.23 |
| Berkshire | — | 1,222.98 | 86.13 | 1,309.11 |
| Burlington | 10,966.07 | 1,293.05 | 203.50 | 12,462.62 |
| Cambridge | — | 2.40 | — | 2.40 |
| Canterbury | 23.12 | 3.60 | — | 26.72 |
| Chittenden | 97,583.51 | 916.43 | 136.85 | 98,636.79 |
| Colchester | — | 471.94 | 83.86 | 555.80 |
| Columbia County | 128,545.30 | — | — | 128,545.30 |
| Concord | 13,524.85 | 180.25 | 84.00 | 13,789.10 |
| Danbury | 60,981.05 | 1,968.58 | 783.33 | 63,732.96 |
| Deerfield | — | 1,161.70 | 35.43 | 1,197.13 |
| Derby | 931.39 | 873.15 | 250.30 | 2,054.84 |
| Dorchester | — | 1,296.34 | 356.36 | 1,652.70 |
| Dorset | 7,471.99 | 576.78 | 327.87 | 8,376.64 |
| Dundee | 142.12 | 1,750.94 | 651.54 | 2,534.60 |
| Durham | 178.78 | 277.40 | 974.07 | 1,430.25 |
| Eastbury | — | 2,013.55 | 365.75 | 2,379.30 |
| Eastford | 2,017.05 | 146.70 | — | 2,163.75 |
| Eastham | 114.19 | 306.02 | 133.90 | 554.11 |
| Easton | 34,464.89 | 2,849.63 | 524.10 | 37,838.62 |
| Eastville | — | — | — | — |
| Eastwick | — | 632.31 | — | 632.31 |
| Orange | 2,120.81 | 3,179.88 | 2,225.00 | 7,525.69 |
| Orleans | — | 384.80 | — | 384.80 |
| Otis | — | 438.03 | 409.75 | 847.78 |
| Oxford | — | 2,515.12 | 426.97 | 2,942.09 |
| Palmer | 3,959.75 | 2,199.60 | 1,305.00 | 7,464.35 |
| Paxton | — | 603.15 | 77.25 | 680.40 |
| Peabody | 22,163.77 | 1,246.32 | 197.70 | 23,607.79 |
| Pelham | — | 268.15 | 110.88 | 379.03 |
| Pembroke | — | 14.85 | — | 14.85 |
| Pepperell | — | 179.05 | 43.60 | 222.65 |
| Peter | — | 220.00 | 176.00 | 396.00 |
| Petersham | — | 69.26 | 37.70 | 106.96 |
| Phillipston | — | 1,492.25 | 522.00 | 2,014.25 |
| Pittsfield | 72,260.27 | 86.00 | — | 72,346.27 |
| Plainfield | — | 375.00 | 269.05 | 644.05 |
| Plainville | — | 60.50 | — | 60.50 |
| Plymouth | 767.60 | 1,294.77 | 525.33 | 2,587.70 |
| Plympton | — | 190.50 | 61.34 | 251.84 |
| Princeton | — | 646.13 | 120.00 | 766.13 |
| Provincetown | 5,042.46 | — | — | 5,042.46 |
| Quincy | 79,683.73 | 2,423.99 | 223.65 | 82,331.37 |
| Randolph | 7,940.24 | 4,689.85 | 675.10 | 13,305.19 |
| Raynham | — | 681.08 | — | 681.08 |
| Reading | — | 1,204.99 | 134.45 | 1,339.44 |
| Rehoboth | — | 239.40 | — | 239.40 |
| Revere | 1,144.50 | 2,952.96 | 67.50 | 4,164.96 |
| Richmond | — | 1,231.25 | — | 1,231.25 |
| Rochester | 247.25 | 2,532.04 | 600.00 | 3,469.29 |
| Rockland | 790.57 | 1,217.83 | 256.37 | 2,264.82 |
| Rockport | — | 1,044.02 | 183.43 | 1,227.45 |
| Rome | — | — | — | — |
| Rosley | — | 1,603.19 | 259.23 | 1,862.42 |
| Royalston | — | 1,424.73 | 1,033.84 | 2,513.57 |

| City, Town
or County | Maintenance | Tuition | Trans-
portation | Total |
|-------------------------|-------------|----------|---------------------|------------|
| Russell | — | 1,516.92 | 112.50 | 1,629.42 |
| Rutland | — | 878.07 | 234.26 | 1,112.33 |
| Salon | 29,078.84 | 1,237.54 | 436.46 | 30,752.84 |
| Salisbury | — | 1,303.02 | 70.20 | 1,373.22 |
| Sandisfield | — | 110.00 | 250.50 | 360.50 |
| Sandwich | — | 58.70 | — | 58.70 |
| Saugus | 940.86 | 1,987.91 | 125.50 | 3,114.27 |
| Savoy | — | 250.00 | 89.00 | 339.00 |
| Seituate | 3,945.72 | 342.50 | 54.58 | 4,242.80 |
| Seekonk | 510.35 | 14.40 | — | 524.75 |
| Sharon | — | 100.84 | — | 100.84 |
| Shaffield | — | — | — | — |
| Shelburne | 2,656.01 | 72.13 | — | 2,728.14 |
| Sharborn | — | 123.40 | — | 123.40 |
| Shirley | — | 527.40 | 76.65 | 604.05 |
| Shrewsbury | — | 5,198.80 | 490.82 | 5,689.62 |
| Shutesbury | — | 515.00 | 568.16 | 1,083.16 |
| Silver Lake
Regional | 5,772.24 | — | — | 5,772.24 |
| Somerset | 774.00 | 1,717.78 | 253.13 | 2,726.91 |
| Somerville | 72,980.40 | 3,598.47 | 236.05 | 76,814.92 |
| Southampton | — | 879.85 | 1,713.43 | 2,593.28 |
| Southboro | — | 716.43 | 172.21 | 888.64 |
| Southbridge | 39,118.73 | 642.94 | 192.00 | 39,953.67 |
| South Hadley | 181.39 | 3,242.76 | 304.33 | 3,728.48 |
| Southwick | — | 3,144.46 | 728.00 | 3,872.46 |
| Spencer | 160.75 | 3,650.34 | 725.40 | 4,536.49 |
| Springfield | 248,105.55 | 879.00 | 444.13 | 249,428.68 |
| Sterling | — | 2,537.68 | 1,238.58 | 3,776.26 |
| Stockbridge | 502.31 | 48.00 | — | 550.31 |
| Stonham | — | 1,318.31 | 185.23 | 1,503.54 |
| Stoughton | 1,097.24 | 2,230.62 | 402.15 | 3,730.01 |
| Stow | — | 583.40 | 159.50 | 742.90 |
| Sturbridge | — | 594.89 | 235.50 | 830.39 |
| Sudbury | — | 686.25 | 320.04 | 1,006.29 |
| Sunderland | — | 805.27 | 248.00 | 1,054.27 |
| Sutton | — | 1,591.98 | 310.59 | 1,902.57 |
| Swampscott | — | 710.18 | — | 710.18 |
| Swansea | 4,409.21 | 405.04 | 15.25 | 4,829.50 |
| Taunton | 20,486.80 | 115.76 | — | 20,602.56 |
| Templeton | 4,908.34 | 1,059.68 | 983.15 | 6,951.17 |
| Tewksbury | 2,132.00 | 1,921.32 | 293.08 | 4,346.40 |
| Tisbury | — | — | — | — |
| Tolland | — | — | — | — |
| Topsfield | — | 55.40 | — | 55.40 |
| Townsend | 2,097.74 | 244.11 | — | 2,341.85 |
| Truro | 298.88 | 547.50 | 274.23 | 1,120.61 |
| Tyngsboro | — | 2,100.55 | 161.25 | 2,261.80 |

| City, Town
or County | Maintenance | Tuition | Trans-
portation | Total |
|-------------------------|--------------|------------|---------------------|--------------|
| Tyringham | -- | 220.00 | -- | 220.00 |
| Upton | -- | 4,288.26 | 246.83 | 4,535.09 |
| Uxbridge | -- | 1,695.27 | 479.44 | 2,174.71 |
| Wachusett Regional | 3,194.12 | -- | -- | 3,194.12 |
| Wakefield | 1,657.08 | 2,248.85 | 209.90 | 4,115.83 |
| Wales | -- | 357.04 | 192.00 | 549.04 |
| Walpole | -- | 1,984.56 | 319.70 | 2,304.26 |
| Waltham | 42,029.38 | 2,571.21 | 135.54 | 44,736.13 |
| Ware | -- | 4,633.25 | 2,390.00 | 7,023.25 |
| Wareham | 6,806.32 | 228.10 | 72.15 | 7,106.57 |
| Warren | 46.83 | 1,537.62 | 465.58 | 2,050.03 |
| Warwick | -- | 1,065.76 | 12.50 | 1,078.26 |
| Washington | -- | -- | -- | -- |
| Watertown | -- | 4,914.14 | 138.74 | 5,052.88 |
| Wayland | -- | 1,291.35 | 306.29 | 1,597.64 |
| Webster | 24,463.10 | 1,585.72 | 464.13 | 26,512.95 |
| Wellesley | 1,536.87 | 1,034.58 | 112.28 | 2,683.73 |
| Wellfleet | -- | -- | -- | -- |
| Wendell | -- | 1,750.10 | -- | 1,750.10 |
| Wenham | -- | 1,047.80 | 132.02 | 1,179.82 |
| Westboro | -- | 1,482.93 | 371.50 | 1,854.43 |
| West Boylston | -- | 3,501.38 | 390.28 | 3,891.66 |
| West Bridgewater | 2,395.54 | 1,166.57 | 230.70 | 3,792.81 |
| West Brookfield | -- | 1,798.04 | 738.70 | 2,536.74 |
| Westfield | 46,069.32 | 1,733.72 | 84.42 | 47,887.46 |
| Westford | -- | 2,539.95 | 542.14 | 3,082.09 |
| Westhampton | -- | 486.94 | 316.16 | 803.10 |
| Westminster | -- | 820.00 | 216.00 | 1,036.00 |
| West Newbury | -- | 1,134.55 | 26.78 | 1,161.33 |
| Weston | -- | 354.41 | -- | 354.41 |
| Westport | 6,383.38 | 1,187.89 | 1,009.81 | 8,580.28 |
| West Springfield | 2,956.15 | 5,171.80 | 406.53 | 8,534.48 |
| West Stockbridge | -- | 141.50 | -- | 141.50 |
| West Tisbury | -- | -- | -- | -- |
| Westwood | 1,162.95 | 720.46 | 208.70 | 2,092.11 |
| Weymouth | 62,063.12 | 1,411.21 | 114.38 | 63,588.63 |
| Whately | -- | 1,140.67 | 1,100.00 | 2,240.67 |
| Whitman | 788.65 | 1,267.24 | 447.13 | 2,503.02 |
| Wilbraham | -- | 4,434.42 | 797.24 | 5,231.66 |
| Williamsburg | -- | 1,703.38 | 238.37 | 1,941.75 |
| Williamstown | 2,980.77 | -- | -- | 2,980.77 |
| Willington | 791.25 | 2,527.43 | 423.00 | 3,741.68 |
| Winchendon | 2,732.38 | 2,502.75 | 1,413.34 | 6,648.47 |
| Winchester | -- | 919.39 | 40.00 | 959.39 |
| Windsor | -- | 138.00 | -- | 138.00 |
| Winthrop | -- | 2,826.45 | 253.23 | 3,079.68 |
| Woburn | 2,971.03 | 1,712.50 | 58.75 | 4,734.28 |
| Worcester | 328,956.52 | 129.15 | 58.80 | 329,144.47 |
| Worthington | -- | 1,060.92 | 839.18 | 1,890.10 |
| Wrentham | 60.50 | 1,015.74 | 273.44 | 1,349.68 |
| Yarmouth | 513.60 | 43.65 | -- | 557.25 |
| Totals | 4,006,984.40 | 449,983.25 | 111,087.84 | 4,568,055.49 |

TABLE NO. 5 - Earnings of Vocational Agricultural pupils from projects and other supervised work during the periods covered by their school attendance.

A. School year ending August 31, 1957.

| Vocational Agricultural
Schools and Departments | Enroll-
ment | Ownership
Projects | Other Supervised
Agricultural Work | Prizes
Won | Total |
|--|-----------------|-----------------------|---------------------------------------|---------------|------------|
| | 1 | 2 | 3 | 4 | 5 |
| Schools | | | | | 6 |
| Departments | 1,540 | 209,767.71 | 710,236.77 | 2,744.22 | 930,748.70 |

Prizes include: 198 firsts; 57 seconds; 56 thirds; 5 fourths; 4 fifths; 117 ribbons; 27 medals; 5 trips; 2 subscriptions; 4 trays; 1 platter; 4 bowls; 1 wood plane; 1 hand drill; 1 flashlight, 1 socket set; 1 cake knife; 3 hams; 1 jack knife; 2 sets of tools; 1 tool box; 2 plates; 2 dishes; 2 cans of paint; 1 door chime; 2 wrenches; 1 can motor oil.

TABLE NO. 6 Vital Statistics by Types of Schools and Departments

for School Year ending August 31, 1957

Group 1 la. Day Industrial Schools (Boys)

| 1956-57 | Enrollment | Number of Non-Residents | Membership at Close of Year | Average Membership | Percent of Attendance | Number of Graduates | Total Withdrawals | Total Number of Different Teachers Employed | Student Hours |
|-------------|------------|-------------------------|-----------------------------|--------------------|-----------------------|---------------------|-------------------|---|---------------|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| Abington | 22 | 3 | 20 | 20.7 | 95.4 | 2 | 5 | 4 | 24,570 |
| Arlington | 112 | 11 | 78 | 90.1 | 95.5 | 18 | 34 | 11 | 97,836 |
| Attleboro | 58 | -- | 53 | 54.7 | 92.7 | 19 | 1 | 6 | 69,076 |
| Avon | 30 | -- | 22 | 23.3 | 95.0 | 3 | 10 | 3 | 25,164 |
| Barnstable | 25 | 4 | 16 | 17.7 | 90.7 | 3 | 23 | 3 | 19,116 |
| Belaunt | 79 | 18 | 50 | 72.0 | 87.9 | 16 | 7 | 9 | 77,760 |
| Beverly | 130 | 22 | 88 | 114.3 | 95.5 | 27 | 33 | 16 | 122,415 |
| Boston | 1,223 | 94 | 980 | 1,095.0 | 89.1 | 184 | 276 | 88 | 1,213,260 |
| Brockton | 90 | 32 | 58 | 65.8 | 87.3 | 11 | 39 | 6 | 71,256 |
| Cambridge | 119 | -- | 74 | 66.0 | 86.0 | 32 | 48 | 8 | 87,576 |
| Chicopee | 244 | -- | 190 | 177.6 | 91.1 | 41 | 58 | 17 | 217,772 |
| Dartmouth | 41 | -- | 32 | 34.6 | 94.4 | 3 | 24 | 2 | 37,492 |
| Dighton | 56 | 32 | 56 | 51.3 | 94.9 | 7 | 9 | 4 | 58,482 |
| Everett | 253 | 73 | 160 | 214.9 | 92.3 | 58 | 35 | 15 | 242,092 |
| Fall River | 377 | 28 | 254 | 339.6 | 95.9 | 76 | 61 | 21 | 368,805 |
| Fitchburg | 113 | 18 | 78 | 102.0 | 93.3 | 19 | 23 | 8 | 109,536 |
| Framingham | 34 | 6 | 26 | 28.2 | 94.0 | 6 | 9 | 3 | 30,286 |
| Gloucester | 142 | 26 | 125 | 123.5 | 91.0 | 24 | 35 | 9 | 132,639 |
| Greenfield | 136 | 41 | 96 | 114.7 | 90.5 | 34 | 26 | 22 | 123,798 |
| Haverhill | 587 | 167 | 406 | 481.5 | 94.9 | 78 | 62 | 34 | 552,528 |
| Holyoke | 337 | 83 | 175 | 213.5 | 87.2 | 17 | 162 | 21 | 230,580 |
| Leominster | 180 | 75 | 127 | 137.5 | 91.1 | 14 | 60 | 9 | 150,150 |
| Lowell | 333 | 108 | 208 | 290.1 | 92.3 | 48 | 77 | 21 | 330,714 |
| Lynn Shoe | 200 | 58 | 31 | 53.1 | 77.8 | 64 | 115 | 9 | 60,802 |
| Lynn Trade | 278 | 12 | 239 | 249.3 | 90.0 | 70 | 46 | 20 | 258,773 |
| Malden | 136 | 21 | 89 | 104.7 | 68.5 | 25 | 44 | 10 | 116,245 |
| Marlboro | 33 | 7 | 21 | 29.4 | 92.2 | 4 | 13 | 2 | 31,752 |
| Medford | 312 | 77 | 188 | 266.1 | 93.0 | 73 | 30 | 19 | 287,388 |
| Nantucket | 19 | -- | 18 | 17.8 | 95.0 | 3 | 1 | 5 | 19,117 |
| New Bedford | 581 | 158 | 411 | 513.6 | 93.2 | 84 | 121 | 54 | 625,718 |
| Newburyport | 52 | 23 | 44 | 49.1 | 92.5 | 7 | 11 | 3 | 52,433 |
| Newton | 407 | 126 | 258 | 291.7 | 92.4 | 44 | 182 | 19 | 315,036 |
| North Adams | 41 | 5 | 38 | 39.2 | 91.6 | 13 | 4 | 3 | 45,864 |
| Northampton | 242 | 131 | 190 | 194.1 | 93.8 | 36 | 63 | 14 | 221,274 |
| Northbridge | 23 | 7 | 18 | 17.1 | 91.2 | -- | 11 | 2 | 18,262 |
| Norwood | 30 | 15 | 25 | 25.8 | 93.8 | 6 | 7 | 2 | 27,864 |

Group I la. Day Industrial Schools (Boys) (Cont'd.)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------------------|--------|-------|-------|---------|------|-------|-------|-----|------------|
| Peabody | 108 | 1 | 84 | 93.0 | 87.5 | 24 | 8 | 5 | 98,208 |
| Pittsfield | 322 | 55 | 290 | 300.2 | 93.4 | 83 | 33 | 14 | 324,216 |
| Provincetown | 26 | 3 | 25 | 24.2 | 90.2 | 9 | 10 | 1 | 27,588 |
| Quincy | 291 | 54 | 205 | 235.1 | 93.6 | 58 | 83 | 19 | 254,697 |
| Randolph | 33 | — | 29 | 30.1 | 92.3 | 6 | 4 | 3 | 32,508 |
| Salem | 117 | 8 | 101 | 106.0 | 95.3 | 18 | 18 | 9 | 114,480 |
| Silver Lake | 65 | 5 | 59 | 61.3 | 92.4 | 12 | 13 | 4 | 66,204 |
| Somerville | 245 | 10 | 164 | 183.7 | 91.1 | 44 | 96 | 20 | 198,396 |
| Southbridge | 150 | 31 | 98 | 113.3 | 92.5 | 10 | 38 | 10 | 129,162 |
| Springfield | 906 | 320 | 534 | 690.0 | 87.2 | 124 | 220 | 93 | 745,200 |
| Swansea | 16 | 3 | 12 | 14.0 | 92.5 | 2 | 5 | 7 | 15,730 |
| Taunton | 49 | 17 | 34 | 36.9 | 88.3 | 31 | 14 | 4 | 39,852 |
| Waltham | 207 | 43 | 117 | 150.8 | 90.6 | 17 | 79 | 14 | 180,960 |
| Wareham | 29 | 3 | 25 | 24.1 | 91.2 | 6 | — | 7 | 26,028 |
| Webster | 98 | 30 | 83 | 87.1 | 95.0 | 25 | 14 | 4 | 94,068 |
| Westfield | 167 | 57 | 146 | 155.2 | 93.9 | 10 | 27 | 11 | 166,684 |
| Weymouth | 241 | 49 | 139 | 236.0 | 77.8 | 59 | 44 | 16 | 254,880 |
| Worcester | 1,121 | 387 | 854 | 913.4 | 95.0 | 180 | 202 | 61 | 1,086,946 |
| Total for type
of School | 11,266 | 2,557 | 7,941 | 9,234.0 | 91.2 | 1,985 | 2,675 | 806 | 10,329,258 |

Group I la¹. Unit Trade Type C - Trade Preparatory

| | | | | | | | | | |
|-----------------------------|-----|----|----|------|------|----|-----|---|--------|
| Plymouth | 31 | 12 | 27 | 27.0 | 83.8 | — | 7 | 1 | 2,462 |
| Winchendon | 114 | — | 30 | 27.0 | 71.0 | 78 | 114 | 2 | 9,700 |
| Total for type
of School | 145 | 12 | 57 | 54.0 | 77.4 | 78 | 121 | 3 | 12,162 |

Group I lb. Day Industrial Schools (Girls)

| | | | | | | | | | |
|-----------------------------|-------|-----|-----|-------|------|-----|-----|----|---------|
| Boston | 296 | 24 | 158 | 197.0 | 93.2 | 56 | 138 | 18 | 211,578 |
| Fall River | 85 | 5 | 22 | 49.4 | 90.2 | 20 | 52 | 2 | 53,647 |
| Norwood | 91 | 66 | 34 | 78.7 | 89.8 | 39 | 14 | 7 | 107,425 |
| Springfield | 288 | 89 | 80 | 175.7 | 89.7 | 102 | 103 | 19 | 244,296 |
| Taunton | 21 | 12 | 21 | 21.0 | 96.6 | — | 1 | 1 | 10,836 |
| Worcester | 432 | 146 | 178 | 226.2 | 89.8 | 79 | 193 | 33 | 247,010 |
| Total for type
of School | 1,213 | 342 | 493 | 748.0 | 91.5 | 296 | 501 | 80 | 874,792 |

Group I lb¹. Unit Trade Type C - Trade Preparatory

| | | | | | | | | | |
|--------------------------------|----|---|----|------|-------|---|----|---|-------|
| Boston | 44 | — | 44 | 44.0 | 100.0 | — | — | 1 | 1,408 |
| Springfield | 32 | 4 | 14 | 18.9 | 76.6 | 1 | 18 | 1 | 1,352 |
| Total for
Type of
School | 76 | 4 | 58 | 62.9 | 88.3 | 1 | 18 | 2 | 2,760 |

Group I 1c. Industrial Departments

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------------------|-------|---|-----|-------|------|---|-----|----|---------|
| Boston: | | | | | | | | | |
| Brighton | 296 | 2 | 146 | 197.0 | 86.0 | — | 194 | 7 | 182,225 |
| Charlestown | 149 | 2 | 101 | 114.0 | 82.0 | — | 24 | 15 | 111,720 |
| Dorchester | 146 | — | 126 | 139.0 | 71.5 | — | 23 | 6 | 129,270 |
| E. Boston | 62 | — | 48 | 55.0 | 82.0 | — | 14 | 9 | 60,088 |
| Hyde Park | 112 | 2 | 105 | 110.0 | 91.0 | — | 36 | 13 | 107,910 |
| Roxbury Mem. | 183 | 3 | 90 | 109.0 | 87.1 | — | 44 | 16 | 109,763 |
| S. Boston | 90 | — | 30 | 76.0 | 88.2 | — | 37 | 16 | 74,480 |
| Total for type
of School | 1,038 | 9 | 646 | 800.0 | 83.9 | — | 373 | 82 | 775,456 |

Group I 2a. Part-Time Cooperative

| | | | | | | | | | |
|-----------------------------|-------|-----|-----|-------|-------|-----|-----|-----|---------|
| Arlington | 15 | 4 | 13 | 9.7 | 97.3 | 12 | 3 | 8 | 10,417 |
| Beverly | 37 | 12 | 34 | 35.3 | 97.5 | 16 | 3 | 4 | 43,991 |
| Boston: | | | | | | | | | |
| Brighton | 175 | 4 | 83 | 84.0 | 93.0 | 29 | 99 | 8 | 38,850 |
| Charlestown | 175 | 6 | 154 | 142.0 | 94.0 | — | 3 | 8 | 65,604 |
| Dorchester | 70 | — | 65 | 66.0 | 94.0 | — | 8 | 5 | 60,450 |
| E. Boston | 77 | 3 | 67 | 71.0 | 90.0 | — | 10 | 7 | 77,532 |
| Hyde Park | 100 | 2 | 85 | 91.0 | 98.0 | 35 | — | 6 | 44,590 |
| Roxbury Mem. | 152 | 4 | 101 | 83.0 | 97.4 | 48 | 14 | 6 | 83,581 |
| S. Boston | 67 | — | 43 | 42.9 | 88.9 | — | 9 | 7 | 42,042 |
| Haverhill | 36 | 14 | 3 | 15.7 | 98.0 | 24 | 11 | 16 | 16,990 |
| Holyoke | 61 | 15 | 37 | 32.4 | 92.2 | 8 | 24 | 7 | 18,273 |
| Newton | 34 | 8 | 26 | 21.7 | 95.4 | 13 | 12 | 15 | 33,436 |
| Pittsfield | 44 | 9 | 9 | 18.9 | 97.2 | 33 | 13 | 16 | 27,121 |
| Southbridge | 42 | 8 | 17 | 32.3 | 95.8 | 17 | 3 | 7 | 55,560 |
| Springfield | 68 | 21 | 11 | 48.8 | 95.0 | 48 | — | 57 | 52,704 |
| Waltham | 1 | — | — | 1.0 | 100.0 | 1 | — | 2 | 558 |
| Westfield | 10 | 3 | 9 | 7.9 | 97.7 | 9 | 1 | 5 | 13,200 |
| Total for type
of School | 1,164 | 113 | 737 | 803.6 | 95.4 | 293 | 213 | 184 | 684,899 |

Group I 2b. Men's Evening Trade

| | | | | | | | | | |
|------------|-----|-----|-----|-------|------|---|-----|----|--------|
| Arlington | 223 | 13 | 170 | 186.8 | 81.1 | — | 54 | 8 | 7,890 |
| Attleboro | 6 | 2 | 3 | 4.5 | 77.1 | — | 6 | 1 | 675 |
| Beverly | 90 | 51 | 47 | 62.5 | 78.4 | — | 43 | 5 | 5,000 |
| Boston | 930 | 135 | 540 | 631.0 | 79.3 | — | 390 | 31 | 83,292 |
| Brookton | 167 | 15 | 123 | 119.3 | 78.7 | — | 44 | 5 | 7,158 |
| Chicopee | 476 | 2 | 194 | 104.8 | 74.6 | — | 282 | 8 | 12,525 |
| Fall River | 36 | 1 | 25 | 29.3 | 80.6 | — | 11 | 1 | 1,800 |
| Fitchburg | 127 | 60 | 57 | 67.3 | 81.3 | — | 70 | 6 | 6,822 |
| Framingham | 85 | 58 | 49 | 57.6 | 87.0 | — | 36 | 7 | 5,691 |
| Greenfield | 587 | 121 | 172 | 271.9 | 85.3 | — | 10 | 3 | 6,013 |
| Haverhill | 297 | 175 | 144 | 167.5 | 77.7 | — | 153 | 15 | 18,087 |
| Holyoke | 265 | 33 | 107 | 144.4 | 82.2 | — | 158 | 12 | 15,747 |

| | |
|----|----------|
| 1 | 1000000 |
| 2 | 2000000 |
| 3 | 3000000 |
| 4 | 4000000 |
| 5 | 5000000 |
| 6 | 6000000 |
| 7 | 7000000 |
| 8 | 8000000 |
| 9 | 9000000 |
| 10 | 10000000 |

| | |
|----|----------|
| 11 | 11000000 |
| 12 | 12000000 |
| 13 | 13000000 |
| 14 | 14000000 |
| 15 | 15000000 |
| 16 | 16000000 |
| 17 | 17000000 |
| 18 | 18000000 |
| 19 | 19000000 |
| 20 | 20000000 |

| | |
|----|----------|
| 21 | 21000000 |
| 22 | 22000000 |
| 23 | 23000000 |
| 24 | 24000000 |
| 25 | 25000000 |
| 26 | 26000000 |
| 27 | 27000000 |
| 28 | 28000000 |
| 29 | 29000000 |
| 30 | 30000000 |

Group I 2b. Men's Evening Trade (Cont'd.)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------------------|-------|-------|-------|---------|------|----|-------|-----|---------|
| Lawrence | 417 | 113 | 200 | 254.3 | 74.7 | -- | 217 | 15 | 23,858 |
| Leominster | 159 | 103 | 64 | 78.6 | 77.4 | -- | 95 | 9 | 11,295 |
| Lowell | 182 | 83 | 121 | 147.8 | 77.5 | -- | 61 | 11 | 13,243 |
| Lynn Shoe | 182 | 151 | 83 | 112.9 | 78.8 | -- | 99 | 12 | 7,434 |
| Lynn Trade | 482 | 125 | 212 | 278.3 | 83.2 | -- | 270 | 19 | 30,863 |
| Malden | 64 | 20 | 18 | 23.3 | 67.7 | -- | 46 | 4 | 3,425 |
| Marlboro | 90 | 39 | 55 | 65.0 | 86.4 | -- | 35 | 4 | 6,285 |
| Medford | 54 | 32 | 34 | 45.0 | 80.0 | -- | 20 | 1 | 3,700 |
| New Bedford | 532 | 208 | 318 | 355.2 | 89.2 | -- | 215 | 23 | 28,326 |
| Newton | 379 | 62 | 213 | 255.5 | 72.6 | -- | 166 | 13 | 24,806 |
| Northampton | 48 | 23 | 19 | 26.6 | 78.0 | -- | 29 | 4 | 4,686 |
| Norwood | 27 | 8 | 8 | 14.9 | 68.5 | -- | 19 | 1 | 1,077 |
| Pittsfield | 280 | 59 | 227 | 240.0 | 85.9 | -- | 53 | 12 | 13,062 |
| Quincy | 163 | 55 | 66 | 130.5 | 76.5 | -- | 97 | 6 | 4,125 |
| Salem | 71 | 41 | 42 | 53.4 | 75.1 | -- | 29 | 3 | 4,887 |
| Somerville | 25 | -- | 10 | 18.6 | 74.4 | -- | 15 | 1 | 2,426 |
| Southbridge | 49 | 12 | 25 | 34.3 | 81.0 | -- | 24 | 3 | 2,574 |
| Springfield | 1,223 | 502 | 707 | 701.3 | 82.1 | -- | 531 | 55 | 80,191 |
| Taunton | 69 | 11 | 59 | 41.8 | 81.3 | -- | 10 | 3 | 5,766 |
| Waltham | 265 | 180 | 126 | 162.7 | 76.7 | -- | 139 | 10 | 13,633 |
| Westfield | 128 | 20 | 78 | 82.2 | 65.8 | -- | 50 | 3 | 4,680 |
| Weymouth | 18 | 6 | 5 | 15.0 | 86.3 | -- | 13 | 1 | 1,800 |
| Winchendon | 14 | -- | 5 | 7.7 | 50.0 | -- | 14 | 2 | 9,700 |
| Worcester | 909 | 425 | 412 | 527.0 | 75.9 | -- | 497 | 39 | 77,496 |
| Total for type
of School | 9,119 | 2,944 | 4,738 | 5,518.8 | 78.0 | -- | 4,001 | 356 | 550,038 |

Group I 2c. Part-Time Apprenticeship

| | | | | | | | | | |
|----------------------|-----|-----|-----|-------|------|----|-----|----|---------|
| Attleboro | 10 | 6 | 10 | 8.8 | 79.2 | 3 | 2 | 1 | 1,320 |
| Barnstable | 17 | 9 | 12 | 13.3 | 74.6 | -- | 4 | 1 | 1,729 |
| Beverly | 37 | 22 | 27 | 29.2 | 69.3 | -- | 10 | 3 | 3,621 |
| Boston | 996 | 504 | 753 | 805.2 | 79.0 | -- | 243 | 52 | 120,780 |
| Boston
Journeyman | 181 | 122 | 167 | 162.4 | 89.4 | -- | 14 | 4 | 8,314 |
| Brockton | 139 | 79 | 82 | 88.2 | 72.2 | -- | 57 | 11 | 13,230 |
| Fitchburg | 178 | 98 | 112 | 119.0 | 77.4 | -- | 66 | 7 | 17,850 |
| Gloucester | 11 | -- | 10 | 9.2 | 68.0 | -- | 1 | 3 | 176 |
| Greenfield | 25 | 16 | 13 | 16.2 | 69.9 | -- | 12 | 2 | 2,430 |
| Haverhill | 86 | 64 | 48 | 63.8 | 75.2 | -- | 38 | 10 | 7,563 |
| Holyoke | 68 | 37 | 38 | 54.1 | 79.2 | -- | 30 | 6 | 6,456 |
| Lawrence | 74 | 18 | 65 | 27.8 | 64.4 | -- | 9 | 2 | 7,992 |
| Leominster | 43 | 23 | 24 | 28.9 | 69.7 | -- | 19 | 6 | 4,320 |
| Lowell | 134 | 36 | 81 | 117.7 | 83.4 | -- | 37 | 8 | 15,235 |
| Lynn | 103 | 51 | 69 | 70.8 | 80.4 | -- | 33 | 5 | 10,065 |
| Marlboro | 59 | 24 | 43 | 24.4 | 83.4 | 19 | 30 | 8 | 5,282 |
| Medford | 242 | 212 | 148 | 177.1 | 73.8 | -- | 94 | 10 | 26,622 |
| New Bedford | 79 | 43 | 60 | 64.0 | 80.0 | -- | 19 | 6 | 7,265 |
| Newton | 84 | 41 | 81 | 75.7 | 78.4 | -- | 39 | 6 | 9,453 |
| Pittsfield | 365 | 215 | 36 | 333.9 | 84.1 | 53 | 80 | 27 | 7,195 |
| Quincy | 51 | 27 | 32 | 37.7 | 83.1 | 12 | 19 | 4 | 4,428 |

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

| | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | | |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

Group I 2a. Part-Time Apprenticeship (Cont'd.)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------------------|-------|-------|-------|---------|------|----|-------|-----|---------|
| Southbridge | 16 | 8 | 8 | 10.1 | 69.3 | 1 | 8 | 1 | 808 |
| Springfield | 307 | 144 | 214 | 236.0 | 72.1 | — | 93 | 26 | 34,072 |
| Taunton | 60 | 34 | 43 | 50.7 | 67.3 | 9 | 17 | 3 | 6,066 |
| Weymouth | 37 | 25 | 17 | 31.7 | 80.7 | — | 20 | 2 | 2,419 |
| Worcester | 227 | 75 | 172 | 167.0 | 82.8 | 2 | 55 | 9 | 13,981 |
| Total for type
of School | 3,683 | 1,989 | 2,593 | 2,867.6 | 76.4 | 99 | 1,061 | 222 | 343,642 |

Group II Continuation Schools

| | | | | | | | | | |
|-----------------------------|-----|---|----|------|-------|---|-----|----|-------|
| Boston | 141 | 5 | 24 | 64.7 | 83.7 | 4 | 66 | 3 | 3,018 |
| Cambridge | 3 | — | 1 | 2.0 | 100.0 | — | 35 | 8 | 236 |
| Taunton | 3 | — | — | .9 | 79.0 | 3 | — | 3 | 76 |
| Total for type
of School | 147 | 5 | 25 | 67.6 | 87.6 | 7 | 101 | 14 | 3,330 |

Group III 1a. Household Arts Schools

| | | | | | | | | | |
|-----------------------------|-----|-----|-----|-------|------|-----|-----|----|---------|
| Cambridge | 33 | — | 23 | 24.7 | 83.0 | 8 | 18 | 4 | 26,676 |
| Essex County | 96 | 5 | 51 | 63.7 | 89.5 | 13 | 31 | 13 | 63,399 |
| Everett | 18 | 2 | 7 | 14.4 | 89.2 | 7 | — | 1 | 13,884 |
| Fall River | 43 | 1 | 21 | 31.6 | 94.0 | — | 22 | 6 | 34,317 |
| Fitchburg | 21 | 2 | — | 12.7 | 86.1 | 5 | 16 | 1 | 13,716 |
| Holyoke | 26 | — | 16 | 16.8 | 81.2 | 2 | 15 | 1 | 18,144 |
| Lowell | 140 | 28 | 67 | 108.3 | 91.7 | 22 | 66 | 10 | 129,960 |
| New Bedford | 236 | 55 | 233 | 248.9 | 82.2 | 54 | 61 | 17 | 160,812 |
| Northampton | 43 | 21 | 38 | 38.4 | 95.7 | 5 | 8 | 5 | 43,776 |
| Springfield | 79 | 13 | 42 | 54.8 | 87.4 | 6 | 35 | 10 | 59,184 |
| Taunton | 21 | — | 12 | 11.2 | 88.2 | 7 | 7 | 2 | 12,096 |
| Worcester | 77 | 31 | 57 | 67.0 | 91.6 | 11 | 41 | 15 | 73,164 |
| Total for type
of School | 855 | 158 | 567 | 694.5 | 87.6 | 140 | 320 | 89 | 651,128 |

Group III 1b. Household Arts Departments

| | | | | | | | | | |
|-------------|----|----|----|------|------|----|----|---|--------|
| Adams | 61 | 14 | 56 | 60.3 | 95.2 | 23 | 5 | 1 | 17,185 |
| Agawan | 23 | — | 18 | 20.5 | 93.5 | 6 | 4 | 1 | 8,763 |
| Avon | 17 | — | 14 | 16.0 | 96.3 | — | 3 | 2 | 5,760 |
| Barnstable | 20 | — | 16 | 17.7 | 90.2 | 12 | 4 | 1 | 4,779 |
| Belchertown | 36 | — | 31 | 34.4 | 97.0 | 14 | 26 | 2 | 9,288 |
| Beverly | 22 | — | 16 | 18.0 | 86.4 | 5 | 13 | 2 | 6,183 |
| Bourne | 42 | — | 36 | 39.1 | 92.6 | 10 | — | 1 | 11,143 |
| Brockton | 29 | — | 24 | 25.2 | 90.0 | 6 | 13 | 5 | 13,608 |
| Charlton | 14 | — | 12 | 12.3 | 96.7 | — | 12 | 1 | 3,690 |
| Dartmouth | 9 | — | 7 | 8.5 | 86.8 | 4 | 3 | 2 | 2,299 |
| Duxbury | 17 | — | 16 | 16.0 | 93.0 | — | — | 1 | 4,320 |
| Easton | 39 | — | 38 | 38.6 | 92.6 | — | 1 | 1 | 22,002 |

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------------------|-------|-----|-------|---------|------|-----|-----|-----|---------|
| Fall River | 12 | -- | 10 | 11.0 | 92.4 | -- | 2 | 8 | 13,200 |
| Falmouth | 11 | 2 | 6 | 11.0 | 87.6 | 6 | 6 | 2 | 3,520 |
| Forboro | 51 | -- | 47 | 24.2 | 94.3 | 11 | 11 | 2 | 17,520 |
| Frontier | | | | | | | | | |
| Regional | 24 | -- | 18 | 20.6 | 94.2 | 6 | 8 | 1 | 4,944 |
| Greenfield | 98 | 2 | 93 | 94.9 | 92.5 | 20 | 5 | 4 | 85,884 |
| Hadley | 13 | -- | 13 | 12.7 | 95.7 | 3 | 8 | 1 | 1,400 |
| Haverhill | 93 | -- | 84 | 87.6 | 93.0 | -- | 14 | 5 | 33,280 |
| Holliston | 17 | -- | 17 | 16.7 | 88.9 | 14 | 2 | 1 | 6,513 |
| Hudson | 32 | 4 | 26 | 28.1 | 95.0 | 14 | 8 | 1 | 10,116 |
| Lee | 14 | 2 | 13 | 12.9 | 92.4 | 7 | 8 | 2 | 6,229 |
| Lexington | 47 | -- | 40 | 43.0 | 91.2 | 8 | 22 | 4 | 11,610 |
| Marefield | 33 | -- | 31 | 28.1 | 91.8 | -- | 17 | 1 | 4,744 |
| Newburyport | 80 | 36 | 70 | 70.7 | 90.7 | 9 | 41 | 3 | 20,680 |
| New Salem | 18 | 16 | 16 | 17.7 | 93.7 | 6 | 4 | 1 | 7,965 |
| North Adams | 40 | 3 | 32 | 35.5 | 92.3 | 11 | 23 | 2 | 19,170 |
| Northbridge | 61 | 19 | 50 | 52.9 | 95.7 | 7 | 48 | 1 | 22,615 |
| Norton | 13 | -- | 12 | 13.5 | 92.5 | 3 | 7 | 1 | 3,510 |
| Orange | 40 | 2 | 38 | 38.7 | 95.8 | 8 | 2 | 1 | 10,449 |
| Palmer | 62 | -- | 61 | 61.0 | 91.8 | 13 | 39 | 1 | 60,695 |
| Pittsfield | 43 | 5 | 32 | 38.8 | 89.2 | 8 | 26 | 4 | 38,291 |
| Provincetown | 11 | 3 | 9 | 8.5 | 95.8 | -- | 2 | 1 | 2,565 |
| Randolph | 19 | 1 | 18 | 18.3 | 89.3 | 8 | -- | 2 | 7,236 |
| Salem | 65 | -- | 55 | 58.3 | 90.3 | -- | 12 | 2 | 52,370 |
| Saugus | 66 | -- | 60 | 62.9 | 92.6 | 32 | 6 | 4 | 16,542 |
| Seituate | 34 | -- | 32 | 28.7 | 90.8 | 7 | 19 | 2 | 37,884 |
| Shelburne | 13 | 10 | 12 | 11.6 | 96.5 | -- | 5 | 3 | 3,144 |
| Silver Lake | | | | | | | | | |
| Regional | 31 | -- | 24 | 29.3 | 89.6 | -- | 20 | 1 | 9,141 |
| Somerville | 21 | -- | 11 | 13.8 | 90.8 | 2 | 8 | 5 | 5,589 |
| Templeton | 38 | 4 | 20 | 21.9 | 93.6 | 14 | 7 | 1 | 17,556 |
| Tewksbury | 22 | -- | 15 | 17.3 | 85.0 | -- | 7 | 1 | 4,930 |
| Townsend | 11 | -- | 10 | 9.7 | 96.6 | -- | 2 | 1 | 2,153 |
| Wachusett | | | | | | | | | |
| Regional | 60 | 9 | 60 | 59.3 | 95.0 | -- | 6 | 3 | 21,348 |
| Wareham | 46 | -- | 40 | 37.0 | 91.0 | 8 | 6 | 1 | 23,290 |
| West Bridge- | | | | | | | | | |
| water | 23 | 1 | 23 | 23.0 | 95.5 | 4 | 11 | 3 | 5,566 |
| Westport | 39 | -- | 18 | 35.3 | 89.7 | 16 | 23 | 2 | 8,472 |
| Winchendon | 23 | 1 | 23 | 23.0 | 93.8 | 9 | 4 | 2 | 6,210 |
| Total for type
of School | 1,655 | 136 | 1,423 | 1,484.1 | 96.6 | 336 | 523 | 100 | 715,351 |

Group III 3. Evening Practical Art Schools

| | | | | | | | | | |
|----------------|-----|----|----|-------|------|----|----|----|--------|
| Abington | 126 | 3 | -- | 99.6 | 83.7 | -- | -- | 7 | 4,950 |
| Agawam | 39 | -- | -- | 31.1 | 90.8 | -- | -- | 1 | 1,866 |
| Amherst-Pelham | | | | | | | | | |
| Regional | 210 | -- | -- | 194.6 | 90.7 | -- | -- | 9 | 11,676 |
| Andover | 167 | 1 | -- | 98.5 | 81.5 | -- | -- | 4 | 5,925 |
| Arlington | 872 | 13 | -- | 707.0 | 84.6 | -- | -- | 28 | 43,734 |
| Athol | 131 | -- | -- | 102.5 | 79.8 | -- | -- | 5 | 6,150 |
| Auburn | 20 | 1 | -- | 18.1 | 92.3 | -- | -- | 4 | 1,200 |
| Ayer | 57 | -- | -- | 57.0 | 93.1 | -- | -- | 2 | 3,420 |
| Barnstable | 137 | 22 | -- | 108.3 | 78.4 | -- | -- | 6 | 6,498 |
| Bedford | 170 | -- | -- | 108.5 | 74.6 | -- | -- | 6 | 6,060 |



Group III 3. Evening Practical Art Schools (Cont'd.)

407

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|----------------------|-------|-----|----|---------|------|----|----|----|---------|
| Belmont | 77 | -- | -- | 77.0 | 92.1 | -- | -- | 3 | 4,620 |
| Bernardston | 57 | 19 | -- | 40.1 | 74.1 | -- | -- | 3 | 2,397 |
| Beverly | 412 | 115 | -- | 85.2 | 87.1 | -- | -- | 10 | 20,214 |
| Billerica | 173 | 9 | -- | 83.2 | 83.2 | -- | -- | 6 | 10,182 |
| Boston | 2,468 | -- | -- | 1,875.0 | 71.0 | -- | -- | 47 | 127,797 |
| Bourne | 55 | -- | -- | 22.7 | 41.2 | -- | -- | 1 | 2,931 |
| Braintree | 197 | -- | -- | 153.7 | 85.4 | -- | -- | 6 | 9,222 |
| Bridgewater | 102 | -- | -- | 89.0 | 88.4 | -- | -- | 5 | 4,915 |
| Brockton | 541 | 136 | -- | 433.0 | 88.9 | -- | -- | 12 | 25,980 |
| Brookline | 995 | 36 | -- | 607.5 | 83.8 | -- | -- | 28 | 42,765 |
| Burlington | 80 | -- | -- | 63.4 | 85.0 | -- | -- | 3 | 3,798 |
| Cambridge | 274 | -- | -- | 265.6 | 80.8 | -- | -- | 8 | 16,769 |
| Canton | 247 | -- | -- | 177.4 | 83.9 | -- | -- | 9 | 11,708 |
| Carver | 66 | 1 | -- | 55.4 | 86.2 | -- | -- | 3 | 1,911 |
| Chicopee | 850 | -- | -- | 357.0 | 86.8 | -- | -- | 19 | 23,562 |
| Clinton | 80 | 5 | -- | 60.8 | 80.7 | -- | -- | 3 | 3,648 |
| Conassett | 90 | -- | -- | 90.0 | 91.2 | -- | -- | 4 | 5,400 |
| Concord | 273 | 24 | -- | 247.4 | 78.4 | -- | -- | 10 | 22,266 |
| Conway | 33 | -- | -- | 27.0 | 75.0 | -- | -- | 2 | 1,620 |
| Dartmouth | 110 | -- | -- | 96.7 | 90.2 | -- | -- | 4 | 5,802 |
| Deerfield | 71 | 20 | -- | 67.0 | 79.7 | -- | -- | 4 | 2,010 |
| Dennis | 25 | -- | -- | 18.2 | 91.0 | -- | -- | 2 | 1,095 |
| Dover | 48 | 3 | -- | 47.0 | 78.4 | -- | -- | 3 | 2,820 |
| Duxbury | 60 | 1 | -- | 44.0 | 72.0 | -- | -- | 4 | 2,820 |
| Easthampton | 164 | 11 | -- | 142.3 | 90.4 | -- | -- | 4 | 8,067 |
| East Long-
meadow | 242 | -- | -- | 89.7 | 78.3 | -- | -- | 5 | 7,950 |
| Essex | 37 | -- | -- | 33.0 | 86.9 | -- | -- | 1 | 2,574 |
| Essex County | 1,034 | -- | -- | 846.9 | 87.3 | -- | -- | 20 | 50,319 |
| Everett | 248 | -- | -- | 140.8 | 74.0 | -- | -- | 7 | 12,060 |
| Fall River | 282 | 12 | -- | 229.7 | 84.0 | -- | -- | 9 | 14,471 |
| Falmouth | 118 | -- | -- | 101.9 | 82.1 | -- | -- | 5 | 6,108 |
| Franklin | 136 | 20 | -- | 95.0 | 80.2 | -- | -- | 7 | 5,601 |
| Gloucester | 185 | -- | -- | 73.0 | 81.0 | -- | -- | 5 | 4,380 |
| Granby | 72 | -- | -- | 72.0 | 87.7 | -- | -- | 1 | 4,320 |
| Greenfield | 178 | 17 | -- | 136.7 | 81.8 | -- | -- | 8 | 8,193 |
| Hanover | 80 | 17 | -- | 67.0 | 85.3 | -- | -- | 3 | 2,685 |
| Hanson | 48 | -- | -- | 42.0 | 85.1 | -- | -- | 3 | 1,686 |
| Harwich | 37 | -- | -- | 35.1 | 94.6 | -- | -- | 2 | 2,100 |
| Haverhill | 196 | 29 | -- | 139.8 | 85.6 | -- | -- | 5 | 7,155 |
| Holbrook | 140 | -- | -- | 119.5 | 79.6 | -- | -- | 4 | 6,156 |
| Holyoke | 596 | 53 | -- | 581.3 | 96.3 | -- | -- | 20 | 32,157 |
| Hudson | 51 | -- | -- | 49.5 | 80.6 | -- | -- | 3 | 2,970 |
| Hull | 31 | -- | -- | 31.0 | 61.0 | -- | -- | 1 | 930 |
| Lakeville | 51 | 6 | -- | 38.9 | 81.6 | -- | -- | 3 | 2,534 |
| Lancaster | 46 | -- | -- | 42.4 | 85.7 | -- | -- | 2 | 2,546 |
| Lawrence | 575 | 92 | -- | 427.0 | 86.5 | -- | -- | 28 | 30,028 |
| Lenox | 54 | -- | -- | 44.0 | 83.6 | -- | -- | 2 | 2,460 |
| Leominster | 663 | -- | -- | 487.3 | 83.2 | -- | -- | 15 | 31,302 |
| Lexington | 620 | 59 | -- | 497.8 | 82.1 | -- | -- | 22 | 28,986 |
| Lovell | 419 | -- | -- | 338.0 | 87.7 | -- | -- | 12 | 17,445 |
| Lynn | 701 | 124 | -- | 564.2 | 84.4 | -- | -- | 19 | 37,237 |

THE UNIVERSITY OF CHICAGO

LIBRARY

1900

1900

1900

1900

Group III 3. Evening Practical Art Schools (Cont'd.)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-------------------------|-------|-----|----|---------|------|----|----|----|---------|
| Manchester | 41 | 4 | -- | 34.5 | 85.0 | -- | -- | 3 | 2,061 |
| Marion | 51 | -- | -- | 46.2 | 84.9 | -- | -- | 3 | 2,352 |
| Medford | 554 | 34 | -- | 442.0 | 82.8 | -- | -- | 15 | 25,229 |
| Medway | 52 | -- | -- | 47.2 | 79.3 | -- | -- | 1 | 944 |
| Melrose | 318 | -- | -- | 312.0 | 82.6 | -- | -- | 11 | 18,720 |
| Methuen | 136 | -- | -- | 121.0 | 83.0 | -- | -- | 4 | 10,014 |
| Middleboro | 20 | 1 | -- | 18.1 | 92.3 | -- | -- | 1 | 1,200 |
| Milford | 196 | 10 | -- | 193.3 | 85.1 | -- | -- | 7 | 4,020 |
| Millis | 52 | -- | -- | 34.2 | 79.0 | -- | -- | 1 | 2,052 |
| Milton | 122 | -- | -- | 88.4 | 80.8 | -- | -- | 6 | 5,304 |
| Montague | 152 | 25 | -- | 128.9 | 81.5 | -- | -- | 5 | 6,322 |
| Nantucket | 85 | -- | -- | 85.0 | 81.9 | -- | -- | 5 | 2,610 |
| New Bedford | 1,122 | 229 | -- | 891.6 | 85.6 | -- | -- | 20 | 48,439 |
| Newton | 1,100 | 39 | -- | 795.5 | 78.5 | -- | -- | 28 | 46,769 |
| North Adams | 156 | 62 | -- | 80.5 | 61.7 | -- | -- | 3 | 4,881 |
| Northampton | 137 | 39 | -- | 77.0 | 83.8 | -- | -- | 6 | 5,313 |
| North Attle-
boro | 107 | -- | -- | 90.1 | 72.0 | -- | -- | 6 | 3,870 |
| Northbridge | 119 | -- | -- | 103.8 | 90.4 | -- | -- | 2 | 4,371 |
| Northfield | 31 | 6 | -- | 23.9 | 80.0 | -- | -- | 2 | 1,363 |
| Norwell | 30 | -- | -- | 29.8 | 91.0 | -- | -- | 1 | 1,788 |
| Norwood | 295 | 59 | -- | 208.0 | 80.1 | -- | -- | 13 | 13,323 |
| Palmer | 128 | -- | -- | 68.6 | 88.2 | -- | -- | 5 | 3,372 |
| Pittsfield | 476 | 74 | -- | 446.4 | 81.7 | -- | -- | 6 | 22,376 |
| Plymouth | 161 | -- | -- | 153.3 | 86.2 | -- | -- | 4 | 4,599 |
| Provincetown | 121 | 3 | -- | 97.0 | 82.0 | -- | -- | 5 | 3,990 |
| Quincy | 956 | 3 | -- | 801.9 | 83.7 | -- | -- | 22 | 47,204 |
| Randolph | 177 | -- | -- | 170.0 | 80.1 | -- | -- | 7 | 10,200 |
| Revere | 165 | -- | -- | 132.1 | 84.0 | -- | -- | 5 | 1,653 |
| Rochester | 68 | 12 | -- | 66.7 | 85.0 | -- | -- | 2 | 7,923 |
| Rockland | 93 | -- | -- | 74.4 | 81.6 | -- | -- | 3 | 4,131 |
| Salem | 388 | 87 | -- | 329.0 | 82.3 | -- | -- | 10 | 18,585 |
| Saugus | 96 | 2 | -- | 77.0 | 75.0 | -- | -- | 2 | 4,620 |
| Scituate | 97 | -- | -- | 82.0 | 84.7 | -- | -- | 5 | 4,551 |
| Seekonk | 96 | -- | -- | 170.0 | 85.7 | -- | -- | 5 | 4,920 |
| Shelburne | 31 | 12 | -- | 27.6 | 83.0 | -- | -- | 2 | 1,653 |
| Silver Lake
Regional | 340 | 6 | -- | 308.5 | 87.8 | -- | -- | 7 | 16,510 |
| Somerset | 53 | -- | -- | 37.0 | 88.5 | -- | -- | 1 | 3,330 |
| Somerville | 431 | -- | -- | 431.0 | 93.3 | -- | -- | 8 | 19,068 |
| Southbridge | 126 | 1 | -- | 109.0 | 85.1 | -- | -- | 2 | 6,540 |
| South Wadley | 52 | -- | -- | 41.0 | 83.0 | -- | -- | 1 | 1,020 |
| Spencer | 31 | -- | -- | 22.6 | 87.4 | -- | -- | 2 | 2,016 |
| Springfield | 2,979 | 522 | -- | 2,311.8 | 79.7 | -- | -- | 58 | 123,339 |
| Stoughton | 173 | 2 | -- | 146.1 | 92.1 | -- | -- | 6 | 8,766 |
| Swansea | 98 | 10 | -- | 93.8 | 86.9 | -- | -- | 6 | 5,628 |
| Taunton | 361 | 36 | -- | 148.9 | 81.4 | -- | -- | 8 | 18,894 |
| Templeton | 75 | 3 | -- | 40.9 | 91.1 | -- | -- | 3 | 3,107 |
| Truro | 65 | 13 | -- | 46.4 | 77.5 | -- | -- | 4 | 1,653 |
| Warefield | 264 | 5 | -- | 151.7 | 79.2 | -- | -- | 10 | 91,020 |
| Waltham | 220 | -- | -- | 197.9 | 88.9 | -- | -- | 5 | 11,874 |
| Wareham | 128 | -- | -- | 121.6 | 78.7 | -- | -- | 3 | 7,269 |
| Warren | 40 | -- | -- | 35.0 | 84.1 | -- | -- | 2 | 6,060 |
| Webster | 90 | -- | -- | 84.1 | 88.9 | -- | -- | 2 | 5,037 |
| Wellesley | 181 | 23 | -- | 149.0 | 82.8 | -- | -- | 6 | 8,819 |
| Westfield | 356 | 35 | -- | 290.6 | 82.0 | -- | -- | 13 | 36,046 |

1870

1871

1872

1873

1874

1875

1876

1877

Group III 3. Evening Practical Art Schools (Cont'd.)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------------------|--------|-------|----|----------|-------|----|----|-----|-----------|
| Westhampton | 15 | -- | -- | 14.6 | 97.3 | -- | -- | 1 | 481 |
| Westport | 75 | -- | -- | 59.6 | 83.2 | -- | -- | 4 | 3,470 |
| Westwood | 157 | 17 | -- | 132.0 | 72.4 | -- | -- | 6 | 7,348 |
| Weymouth | 417 | -- | -- | 379.4 | 89.0 | -- | -- | 15 | 22,764 |
| Whitman | 156 | 11 | -- | 120.0 | 71.1 | -- | -- | 7 | 6,687 |
| Wilmington | 340 | 105 | -- | 300.8 | 92.7 | -- | -- | 10 | 13,902 |
| Winchendon | 39 | -- | -- | 39.0 | 85.7 | -- | -- | 1 | 1,815 |
| Woburn | 510 | -- | -- | 460.1 | 86.7 | -- | -- | 21 | 26,367 |
| Worcester | 1,423 | 255 | -- | 927.9 | 83.4 | -- | -- | 25 | 62,044 |
| Yerkesham | 29 | -- | -- | 25.0 | 100.0 | -- | -- | 1 | 1,500 |
| Yarmouth | 50 | 3 | -- | 39.0 | 72.6 | -- | -- | 1 | 3,300 |
| Total for type
of School | 33,513 | 2,586 | -- | 25,717.9 | 82.7 | -- | -- | 952 | 1,657,987 |

Group IV 1a. Agricultural Schools

| | | | | | | | | | |
|-----------------------------|-----|-----|-----|-------|------|-----|-----|----|-----------|
| Bristol County | 192 | 27 | 149 | 176.5 | 89.5 | 32 | 43 | 15 | 342,166 |
| Essex County | 306 | 47 | 276 | 226.3 | 91.5 | 45 | 59 | 23 | 472,691 |
| Norfolk County | 208 | 30 | 139 | 143.3 | 82.3 | 26 | 42 | 16 | 254,085 |
| Weymouth
Branch | 29 | 10 | 23 | 26.9 | 93.0 | 9 | 8 | 2 | 46,620 |
| Northampton | 20 | 3 | 11 | 18.7 | 88.8 | 4 | 8 | 2 | 15,932 |
| Total for type
of School | 755 | 117 | 598 | 591.7 | 89.0 | 116 | 160 | 58 | 1,141,494 |

Group IV 1b. Agricultural Departments

| | | | | | | | | | |
|-------------------------|-----|----|----|------|------|----|----|---|--------|
| Araucan | 17 | 8 | 9 | 15.0 | 96.8 | 4 | 8 | 1 | 12,150 |
| Barnstable | 26 | -- | 19 | 21.2 | 90.0 | 6 | 7 | 3 | 8,316 |
| Boston | 107 | 9 | 88 | 95.2 | 91.0 | 10 | 19 | 5 | 95,095 |
| Bridgewater | 15 | 8 | 13 | 14.9 | 90.3 | 6 | 1 | 1 | 10,098 |
| Charlton | 17 | 2 | 12 | 16.0 | 91.4 | 2 | 5 | 1 | 32,904 |
| Dartmouth | 18 | -- | 17 | 17.7 | 93.2 | 7 | 3 | 1 | 19,116 |
| Danvers | 12 | -- | 8 | 9.6 | 90.0 | -- | 2 | 1 | 12,932 |
| Frontier
Regional | 16 | 4 | 13 | 15.6 | 97.9 | 1 | 3 | 1 | 5,616 |
| Hadley | 23 | -- | 21 | 22.0 | 88.3 | 5 | -- | 1 | 24,035 |
| Hudson | 33 | 19 | 18 | 26.3 | 91.1 | 3 | 12 | 1 | 46,794 |
| Middleboro | 17 | 5 | 11 | 16.6 | 94.5 | 4 | 6 | 2 | 9,960 |
| New Salem | 58 | 56 | 48 | 51.4 | 91.2 | 10 | 20 | 2 | 71,480 |
| North Brook-
field | 21 | 7 | 19 | 19.3 | 93.2 | 3 | 4 | 1 | 6,583 |
| Shelburne | 35 | 31 | 23 | 29.0 | 90.7 | 11 | 1 | 2 | 11,745 |
| Silver Lake
Regional | 21 | 8 | 18 | 18.3 | 93.5 | -- | 4 | 1 | 6,578 |
| Stockbridge | 16 | 12 | 14 | 14.5 | 95.0 | 3 | 2 | 1 | 5,893 |
| Topsfield | 46 | 32 | 32 | 40.4 | 90.9 | 5 | 14 | 2 | 37,260 |
| Wachusett
Regional | 27 | 4 | 24 | 24.9 | 95.9 | 6 | 3 | 2 | 25,892 |
| Westfield | 14 | 7 | 10 | 12.2 | 92.9 | 3 | 4 | 1 | 15,176 |
| Westport | 15 | -- | 13 | 13.8 | 93.6 | 4 | -- | 1 | 25,491 |
| West
Springfield | 19 | 6 | 12 | 15.2 | 92.0 | 1 | 7 | 1 | 21,864 |
| Williamstown | 16 | 7 | 9 | 14.2 | 84.2 | 3 | 4 | 1 | 18,591 |

Group IV 1b. Agricultural Departments (Cont'd)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|--------------------------|-----|-----|-----|-------|------|-----|-----|----|---------|
| Worcester | 48 | 24 | 44 | 46.0 | 91.0 | 10 | 4 | 4 | 34,500 |
| Total for type of School | 638 | 249 | 495 | 569.3 | 92.1 | 107 | 133 | 37 | 555,069 |

Group IV 3. Agricultural Schools and Departments - Evening

| | | | | | | | | | |
|--------------------------|-----|----|-----|------|------|---|----|----|-------|
| Bristol County | 119 | — | 100 | — | 82.6 | — | 18 | 12 | 3,996 |
| Dartmouth | 29 | — | 23 | 23.3 | 89.1 | — | 6 | 2 | 520 |
| Essex County | 49 | 2 | 35 | 47.0 | 71.9 | — | 2 | 6 | 802 |
| New Salem | 13 | 9 | 13 | — | 61.0 | — | — | 2 | 320 |
| Templeton | 15 | 8 | 15 | — | 80.1 | — | — | 2 | 500 |
| Wachusett Regional | 18 | — | 18 | 18.0 | 95.0 | — | — | 1 | 648 |
| Westport | 19 | — | 17 | — | 71.4 | — | 2 | 1 | 462 |
| Total for type of School | 262 | 19 | 221 | 88.3 | 78.7 | — | 26 | 26 | 7,248 |

Group V 1a. Part-Time Cooperative Distributive Education

| | | | | | | | | | |
|--------------------------|-----|---|-----|-------|-------|-----|----|----|---------|
| Boston: | | | | | | | | | |
| Dorchester | 20 | — | 17 | 18.5 | 89.2 | 17 | — | 1 | 16,280 |
| East Boston | 27 | — | 23 | 22.0 | 92.0 | 23 | 4 | 2 | 11,880 |
| Jamaica Plain | 11 | — | 9 | 9.5 | 91.7 | 11 | — | 4 | 5,415 |
| Roxbury Memorial (Boys) | 30 | — | 28 | 29.0 | 93.0 | 28 | 1 | 1 | 13,775 |
| Roxbury Memorial (Girls) | 13 | — | 13 | 12.5 | 93.0 | 13 | — | 1 | 6,750 |
| Brockton | 20 | — | 17 | 19.1 | 94.2 | 17 | 3 | 3 | 3,934 |
| Chicopee | 18 | — | 17 | 17.7 | 92.7 | 17 | 1 | 1 | 9,452 |
| Fitchburg | 14 | 2 | 13 | 13.9 | 96.1 | 13 | 1 | 4 | 9,730 |
| Haverhill | 10 | 2 | 7 | 8.1 | 95.4 | 7 | — | 5 | 2,101 |
| Holyoke | 14 | — | 13 | 13.3 | 98.4 | 13 | — | 2 | 14,364 |
| Lowell | 23 | 1 | 23 | 22.6 | 94.3 | 23 | 1 | 1 | 11,593 |
| Medford | 29 | — | 29 | 29.0 | 93.0 | 29 | — | 4 | 17,400 |
| Peabody | 23 | — | 22 | 23.0 | 100.0 | 13 | 1 | 1 | 8,142 |
| Pittsfield | 15 | 3 | 15 | 14.9 | 95.2 | 15 | 2 | 3 | 9,387 |
| Quincy | 14 | — | 14 | 13.0 | 94.4 | 14 | — | 6 | 9,152 |
| Salem | 18 | — | 18 | 18.0 | 96.3 | 18 | — | 3 | 9,720 |
| Somerville | 14 | 1 | 14 | 14.0 | 95.6 | 14 | — | 3 | 7,560 |
| Springfield | 15 | — | 15 | 15.0 | 92.3 | 15 | — | 1 | 16,785 |
| Total for type of School | 328 | 9 | 307 | 313.1 | 94.8 | 300 | 14 | 46 | 103,420 |

Table 1. - *Continued*

| Station | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
|---------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

Table 2. - *Continued*

| Station | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
|---------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

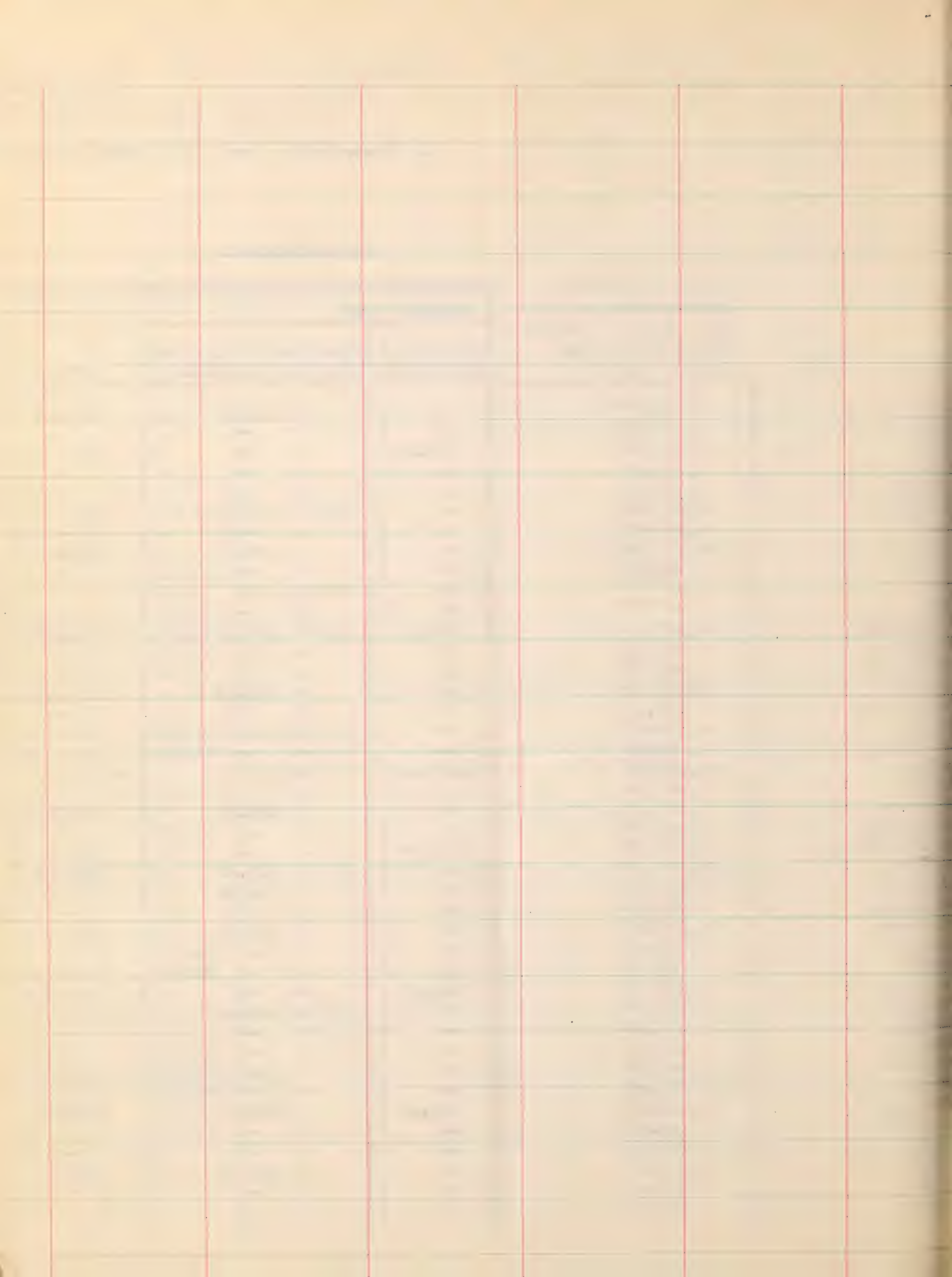
Table 3. - *Continued*

| Station | 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 | 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 | 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 | 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 | 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 | 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 | 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 | 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 | 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |
|---------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|
|---------|---|---|---|---|---|---|---|---|---|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|----|-----|

Group V 2. Evening Distributive Education

| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
|-----------------------------|-------|----|-------|---------|-------|---|----|----|--------|
| Doston | 842 | 18 | 842 | 842.0 | 92.1 | — | — | 10 | 19,167 |
| Fall River | 20 | — | 20 | 20.0 | 100.0 | — | — | 1 | 398 |
| Haverhill | 41 | — | 28 | 35.5 | 90.9 | — | — | 1 | 355 |
| Holyoke | 133 | — | 106 | 108.1 | 92.0 | — | — | 4 | 950 |
| Lowell | 75 | — | 75 | 75.0 | 100.0 | — | — | 1 | 1,500 |
| Malden | 54 | — | 54 | 54.0 | 100.0 | — | — | 1 | 540 |
| Marlboro | 20 | — | 20 | 20.0 | 96.3 | — | 20 | 1 | 193 |
| North Adams | 47 | 21 | 18 | 22.5 | 80.4 | — | — | 1 | 1,416 |
| Pittsfield | 75 | 7 | 75 | 75.0 | 100.0 | — | — | 1 | 750 |
| Quincy | 107 | — | 107 | 105.0 | 98.0 | — | — | 2 | 1,070 |
| Worcester | 52 | — | 51 | 50.6 | 85.0 | — | — | 8 | 1,215 |
| Total for type
of School | 1,466 | 46 | 1,396 | 1,407.7 | 94.7 | — | 20 | 31 | 27,554 |

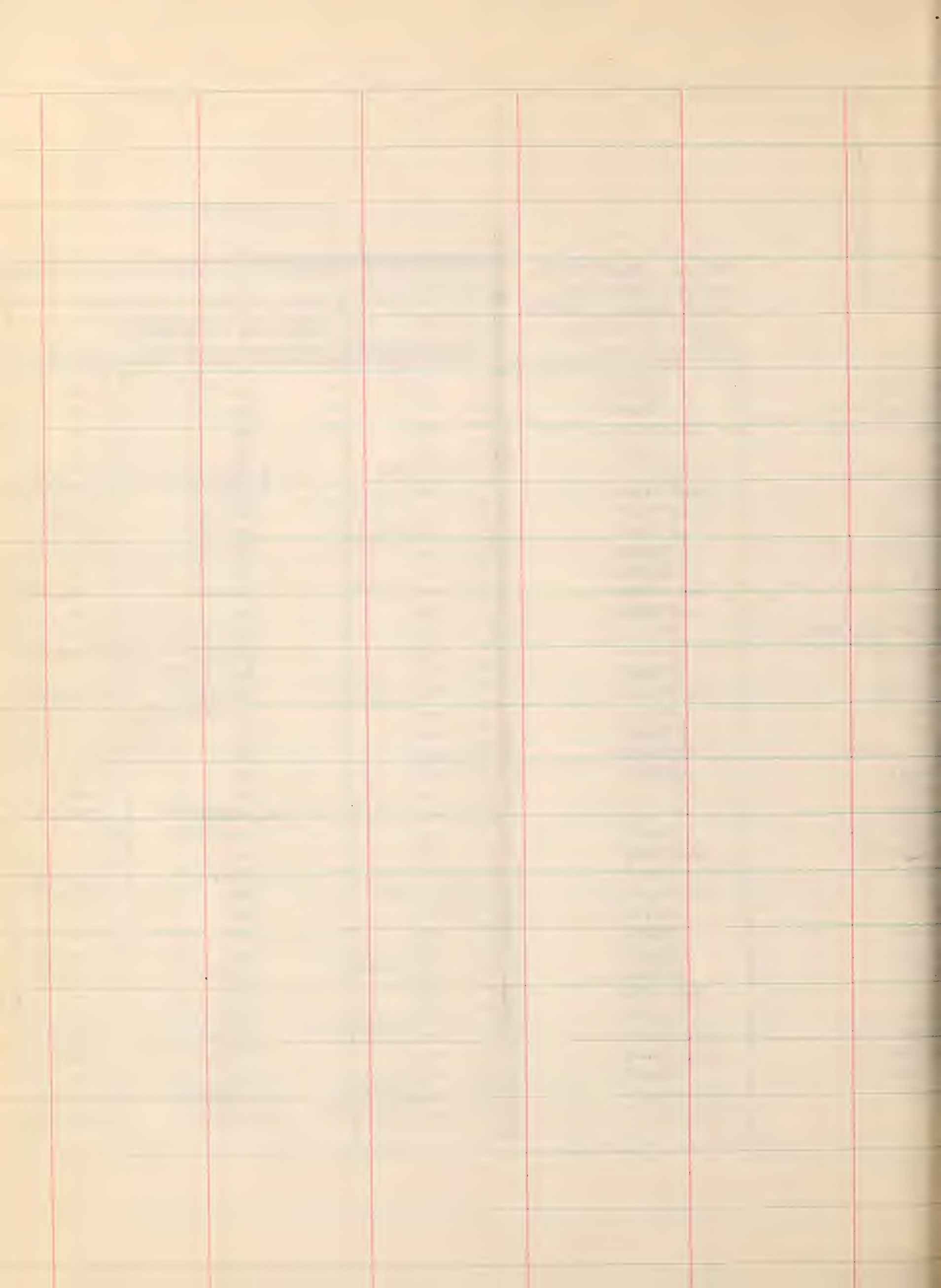
| | | | | | | | | | |
|----|----|----|----|----|----|----|----|----|-----|
| 1 | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 |
| 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 | 20 |
| 21 | 22 | 23 | 24 | 25 | 26 | 27 | 28 | 29 | 30 |
| 31 | 32 | 33 | 34 | 35 | 36 | 37 | 38 | 39 | 40 |
| 41 | 42 | 43 | 44 | 45 | 46 | 47 | 48 | 49 | 50 |
| 51 | 52 | 53 | 54 | 55 | 56 | 57 | 58 | 59 | 60 |
| 61 | 62 | 63 | 64 | 65 | 66 | 67 | 68 | 69 | 70 |
| 71 | 72 | 73 | 74 | 75 | 76 | 77 | 78 | 79 | 80 |
| 81 | 82 | 83 | 84 | 85 | 86 | 87 | 88 | 89 | 90 |
| 91 | 92 | 93 | 94 | 95 | 96 | 97 | 98 | 99 | 100 |



SMITH-HUGHES

GEORGE BARDEN

| Salary Expenditures
against which we
match Federal (Smith-
Hughes and George-
Barden) Funds | Salaries of Teachers, Directors and Supervisors | | | Salaries and Travel of Teachers, Directors and Supervisors
and Equipment | | | | | | Smith-Hughes &
George-Barden |
|---|---|--|----------|---|-------------------|-------------------------|-----------------------------|----------------------|-----------|---------------------------------|
| | Agriculture | Trade and Industrial
and Home Economics | Total | Agriculture | Home
Economics | Trade and
Industrial | Distributive
Occupations | Practical
Nursing | Total | |
| Westhampton | 1,250.00 | -- | -- | -- | 500.00 | -- | -- | -- | 500.00 | 500.00 |
| West Longmeadow | 780.00 | -- | -- | -- | 880.00 | -- | -- | -- | 880.00 | 880.00 |
| Wiston | 3,545.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Worcester | 441.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Worcester County | 170,067.18 | 10,119.00 | 1,685.00 | 11,782.00 | 298.05 | 3,600.00 | -- | -- | 3,898.05 | 15,480.05 |
| Worcester | 91,277.99 | -- | 1,829.00 | 1,829.00 | -- | -- | -- | -- | -- | 1,829.00 |
| Worcester River | 107,987.89 | -- | 2,168.00 | 2,168.00 | -- | 12,150.00 | -- | -- | 12,150.00 | 12,308.00 |
| Worcester | 9,055.09 | 587.00 | -- | 587.00 | 200.00 | -- | -- | -- | 1,000.00 | 1,587.00 |
| Worcester | 47,566.46 | -- | 831.00 | 831.00 | -- | 1,542.70 | 4,823.36 | -- | 6,365.06 | 6,897.06 |
| Worcester | 4,862.74 | -- | -- | -- | 1,787.51 | -- | -- | -- | 1,787.51 | 1,787.51 |
| Worcester | 15,929.03 | -- | 222.00 | 222.00 | -- | 81.00 | -- | -- | 81.00 | 303.00 |
| Worcester | 1,560.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Worcester Regional | -- | -- | -- | 4,600.00 | 6,900.00 | -- | -- | -- | 11,500.00 | 11,500.00 |
| Worcester | 47,123.10 | -- | 896.00 | 896.00 | -- | -- | -- | -- | -- | 896.00 |
| Worcester | 150.00 | -- | -- | -- | 270.00 | -- | -- | -- | 270.00 | 270.00 |
| Worcester | 56,536.15 | -- | 862.00 | 862.00 | -- | 1,591.20 | -- | -- | 1,591.20 | 2,453.20 |
| Worcester | -- | -- | -- | 7,126.49 | 3,700.00 | -- | -- | -- | 10,826.49 | 10,826.49 |
| Worcester | 540.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Worcester | 540.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Worcester | 630.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Worcester | -- | -- | -- | 100.00 | -- | -- | -- | -- | 100.00 | 100.00 |
| Worcester | -- | -- | 2,922.00 | 2,922.00 | -- | 400.00 | 16,731.67 | 4,100.00 | 21,231.67 | 24,153.67 |
| Worcester | 720.00 | -- | -- | -- | 360.00 | -- | -- | -- | 360.00 | 360.00 |
| Worcester | 4,463.20 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Worcester | 111,884.81 | -- | 2,543.00 | 2,543.00 | -- | -- | 4,800.00 | -- | 4,800.00 | 7,343.00 |
| Worcester | 14,213.94 | 1,051.00 | -- | 1,051.00 | 100.00 | -- | -- | -- | 100.00 | 1,151.00 |
| Worcester | 270.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Worcester | 680.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Worcester | 495.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Worcester | 731.39 | -- | 586.00 | 586.00 | -- | 900.00 | -- | -- | 900.00 | 1,486.00 |
| Worcester | 2,658.73 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Worcester | 514.50 | -- | -- | -- | 387.50 | -- | -- | -- | 387.50 | 387.50 |
| Worcester | 39,525.34 | -- | 834.00 | 834.00 | -- | 14,750.00 | -- | -- | 14,750.00 | 15,584.00 |
| Worcester | 10,476.34 | -- | 343.00 | 343.00 | -- | -- | -- | -- | -- | 343.00 |
| Worcester | 100.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Worcester | 107,326.70 | -- | 2,476.00 | 2,476.00 | -- | 500.00 | 4,500.00 | -- | 5,000.00 | 6,184.87 |
| Worcester | 141,212.71 | -- | 2,259.00 | 2,259.00 | -- | 6,160.00 | -- | -- | 6,160.00 | 8,419.00 |



SMITH-HUGHES

GEORGE BARDEN

Salary Expenditures
against which we
match Federal (Smith-
Hughes and George-
Barden) Funds

Salaries of Teachers, Directors and Supervisors

Salaries and Travel of Teachers, Directors and Supervisors
and Equipment

Smith-Hughes &
George-Barden

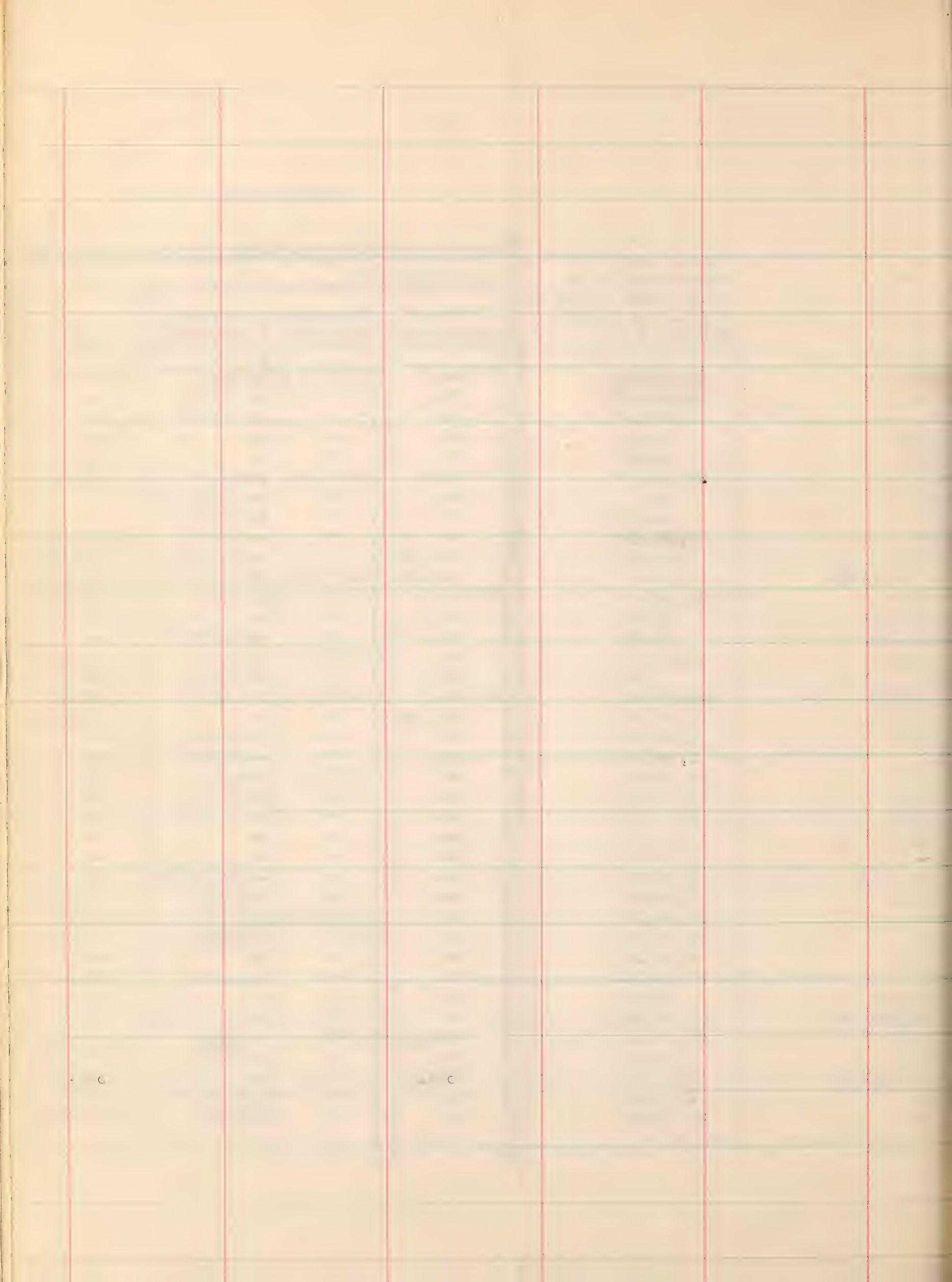
| | | Agriculture | Trade and Industrial
and Home Economics | Total | Agriculture | Home
Economics | Trade and
Industrial | Distributive
Occupations | Practical
Nursing | Total | |
|-------------------|------------|-------------|--|----------|-------------|-------------------|-------------------------|-----------------------------|----------------------|-----------|-----------|
| Malden | 80,514.32 | -- | 715.00 | 715.00 | -- | -- | -- | -- | -- | -- | 715.00 |
| Manchester | 800.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Marion | 610.00 | -- | -- | -- | -- | 200.00 | -- | -- | -- | 200.00 | 200.00 |
| Marlboro | 7,370.00 | -- | 140.00 | 140.00 | -- | -- | 450.00 | -- | -- | 450.00 | 590.00 |
| Marshfield | 3,834.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Medford | 39,334.62 | -- | 1,833.00 | 1,833.00 | -- | -- | 2,612.80 | 10,400.00 | -- | 12,012.80 | 14,845.60 |
| Medway | -- | -- | -- | -- | -- | 410.00 | -- | -- | -- | 410.00 | 410.00 |
| Melrose | 3,751.00 | -- | 179.00 | 179.00 | -- | -- | -- | -- | -- | -- | 179.00 |
| Methuen | 1,679.61 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Middleboro | 4,030.00 | -- | -- | -- | 700.00 | -- | -- | -- | -- | 700.00 | 700.00 |
| Milford | 1,328.00 | -- | -- | -- | -- | 600.00 | -- | -- | -- | 600.00 | 600.00 |
| Millis | 210.00 | -- | -- | -- | -- | 150.00 | -- | -- | -- | 150.00 | 150.00 |
| Milton | 1,960.80 | -- | -- | -- | -- | 150.00 | -- | -- | -- | 150.00 | 150.00 |
| Montague | 1,040.00 | -- | -- | -- | -- | 600.00 | -- | -- | -- | 600.00 | 600.00 |
| Nantucket | 9,610.26 | -- | 169.00 | 169.00 | -- | 350.00 | -- | -- | -- | 350.00 | 519.00 |
| Narragansett Reg. | -- | -- | -- | -- | -- | 1,240.76 | -- | -- | -- | 1,240.76 | 1,240.76 |
| New Bedford | 251,525.82 | -- | 6,289.00 | 6,289.00 | -- | 2,004.33 | 6,960.00 | -- | -- | 8,964.33 | 15,253.33 |
| Newburyport | 18,636.26 | -- | 240.00 | 240.00 | -- | -- | 2,000.00 | -- | -- | 2,000.00 | 2,240.00 |
| New Salem | 9,432.19 | 1,366.00 | -- | 1,366.00 | 4,569.24 | -- | -- | -- | -- | 4,569.24 | 5,935.34 |
| Newton | 136,001.80 | -- | 3,016.00 | 3,016.00 | -- | 1,200.00 | 3,534.00 | -- | -- | 4,734.00 | 7,750.00 |
| Norfolk County | 125,167.15 | 8,068.00 | -- | 8,068.00 | -- | -- | -- | -- | -- | -- | 8,068.00 |
| North Adams | 21,552.37 | -- | 266.00 | 266.00 | -- | -- | -- | -- | -- | -- | 266.00 |
| Northampton | 64,025.24 | 1,069.00 | 1,760.00 | 2,819.00 | -- | 900.00 | 14,980.00 | -- | -- | 15,890.00 | 18,709.00 |
| North Attleboro | 1,440.00 | -- | -- | -- | -- | 300.00 | -- | -- | -- | 300.00 | 300.00 |
| North Brookfield | -- | -- | -- | -- | 7,457.67 | -- | -- | -- | -- | 7,457.67 | 7,457.67 |
| Northbridge | 13,304.29 | -- | 106.00 | 106.00 | -- | 100.00 | -- | -- | -- | 100.00 | 206.00 |
| Northfield | 300.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Orton | 2,748.66 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Orwell | -- | -- | -- | -- | -- | 500.00 | -- | -- | -- | 500.00 | 500.00 |
| Orwood | 62,857.13 | -- | 1,074.00 | 1,074.00 | -- | -- | 1,250.00 | -- | -- | 1,250.00 | 2,324.00 |
| Panama | 3,412.80 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Palmer | 4,913.16 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Pembury | 29,463.18 | -- | 433.00 | 433.00 | -- | -- | -- | 3,344.01 | -- | 3,344.01 | 3,777.01 |
| Pittsfield | 107,423.05 | -- | 2,030.00 | 2,030.00 | -- | 600.00 | 17,431.27 | 4,900.00 | -- | 22,931.27 | 24,961.27 |
| Plymouth | 1,713.75 | -- | -- | -- | -- | -- | 875.75 | -- | -- | 875.75 | 875.75 |
| Plymouth | 6,742.32 | -- | -- | -- | -- | 500.00 | -- | -- | -- | 500.00 | 500.00 |



SMITH-HUGHES

GEORGE BARDEN

| Salary Expenditures
against which we
match Federal (Smith-
Hughes and George-
Barden) Funds | Salaries of Teachers, Directors and Supervisors | | | Salaries and Travel of Teachers, Directors and Supervisors
and Equipment | | | | | Smith-Hughes &
George-Barden | | |
|---|---|--|----------|---|-------------------|-------------------------|-----------------------------|----------------------|---------------------------------|-----------|-----------|
| | Agriculture | Trade and Industrial
and Home Economics | Total | Agriculture | Home
Economics | Trade and
Industrial | Distributive
Occupations | Practical
Nursing | | Total | |
| Quincy | 107,598.31 | -- | 2,159.00 | 2,159.00 | -- | -- | 2,000.00 | 4,900.00 | -- | 6,900.00 | 9,059.00 |
| Randolph | 6,669.68 | -- | -- | -- | -- | 519.67 | 9,833.34 | -- | -- | 10,150.01 | 10,150.01 |
| Rivers | 1,500.00 | -- | -- | -- | -- | 200.00 | -- | -- | -- | 200.00 | 200.00 |
| Rochester | 382.75 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Rockland | 980.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Salem | 34,823.69 | -- | 576.00 | 576.00 | -- | -- | 10,929.16 | 4,900.00 | -- | 15,829.16 | 16,405.16 |
| Saugus | -- | -- | -- | -- | -- | 13,224.88 | -- | -- | -- | 13,224.88 | 13,224.88 |
| Seekonk | 654.70 | -- | -- | -- | -- | 300.00 | -- | -- | -- | 300.00 | 300.00 |
| Stoughton | 6,444.14 | -- | -- | -- | -- | 150.00 | -- | -- | -- | 150.00 | 150.00 |
| Sturbridge | 9,688.00 | 886.00 | -- | 886.00 | 500.00 | 150.00 | -- | -- | -- | 650.00 | 1,636.00 |
| Silver Lake Reg. | 6,784.97 | 926.00 | 1,662.00 | 2,586.00 | 683.33 | 12,593.33 | 11,203.49 | -- | -- | 24,470.15 | 27,056.15 |
| South Hadley | 105,226.46 | -- | 2,021.00 | 2,021.00 | -- | -- | -- | 5,400.00 | -- | 5,400.00 | 7,421.00 |
| Southbridge | 662.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Spencer | 160.00 | -- | -- | -- | -- | 200.00 | -- | -- | -- | 200.00 | 200.00 |
| Springfield | 44,917.14 | -- | 664.00 | 664.00 | -- | -- | 252.00 | -- | -- | 252.00 | 936.00 |
| Stockbridge | 9.50 | -- | -- | -- | -- | 400.00 | -- | -- | -- | 400.00 | 400.00 |
| Taunton | 333,367.47 | -- | 8,554.00 | 8,554.00 | -- | -- | 3,644.80 | 5,869.19 | -- | 9,513.99 | 16,087.99 |
| Taunton | 3,007.36 | 351.00 | -- | 351.00 | 1,950.00 | -- | -- | -- | -- | 1,950.00 | 2,301.00 |
| Taunton | 1,606.00 | -- | -- | -- | -- | 300.00 | -- | -- | -- | 300.00 | 300.00 |
| Taunton | 5,470.35 | -- | -- | -- | -- | 300.00 | -- | -- | -- | 300.00 | 300.00 |
| Taunton | 22,235.69 | -- | 650.00 | 650.00 | -- | -- | 6,800.00 | -- | 6,667.96 | 12,467.96 | 13,107.96 |
| Taunton | 12,276.84 | -- | -- | -- | 368.00 | 600.00 | -- | -- | -- | 1,368.00 | 1,368.00 |
| Taunton | 3,300.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Taunton | 1,665.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Taunton | 375.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Taunton Reg. | 3,752.52 | -- | -- | -- | 982.50 | 16,199.31 | -- | -- | -- | 17,181.71 | 17,181.71 |
| Taunton | 2,980.67 | -- | 126.00 | 126.00 | -- | 600.00 | -- | -- | -- | 600.00 | 726.00 |
| Taunton | 55,932.58 | -- | 1,767.27 | 1,767.27 | -- | 700.00 | 10,961.65 | -- | -- | 11,661.65 | 13,428.92 |
| Taunton | 10,762.40 | -- | 111.00 | 111.00 | -- | 500.00 | 75.00 | -- | -- | 575.00 | 686.00 |
| Taunton | 2,211.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Taunton | 32,582.50 | -- | 512.00 | 512.00 | -- | -- | -- | -- | -- | -- | 512.00 |
| Taunton | 100.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Taunton | 4,368.50 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| Taunton | 47,650.11 | 622.00 | 784.00 | 1,406.00 | -- | 450.00 | 4,470.00 | -- | -- | 4,920.00 | 6,326.00 |
| Taunton | 9,442.31 | -- | -- | -- | 1,800.50 | 500.00 | -- | -- | -- | 2,300.50 | 2,300.50 |
| Taunton | 5,021.22 | 562.00 | -- | 562.00 | 150.00 | -- | -- | -- | -- | 150.00 | 712.00 |
| Taunton | 1,980.00 | -- | -- | -- | -- | 350.00 | -- | -- | -- | 350.00 | 350.00 |
| Taunton | 80,170.38 | -- | 1,631.00 | 1,631.00 | -- | -- | -- | -- | -- | -- | 1,631.00 |



SMITH-HUGHES

GEORGE BARDEN

| | Salary Expenditures
against which we
match Federal (Smith-
Hughes and George-
Barden) Funds | Salaries of Teachers, Directors and Supervisors | | | Salaries and Travel of Teachers, Directors and Supervisors
and Equipment | | | | | Smith Hughes &
George Barden | |
|--------------|---|---|--|------------|---|-------------------|-------------------------|-----------------------------|----------------------|---------------------------------|------------|
| | | Agriculture | Trade and Industrial
and Home Economics | Total | Agriculture | Home
Economics | Trade and
Industrial | Distributive
Occupations | Practical
Nursing | | Total |
| Whitman | 1,280.00 | -- | -- | -- | -- | 400.00 | -- | -- | -- | 400.00 | 400.00 |
| Williamstown | 4,381.37 | 480.00 | -- | 480.00 | 300.00 | -- | -- | -- | -- | 300.00 | 780.00 |
| Wilmington | 2,566.50 | -- | 212.00 | 212.00 | -- | 400.00 | -- | -- | -- | 400.00 | 612.00 |
| Winchendon | 4,754.70 | -- | -- | -- | -- | -- | 800.00 | -- | -- | 800.00 | 800.00 |
| Woburn | 5,790.47 | -- | 258.00 | 258.00 | -- | 250.00 | -- | -- | -- | 250.00 | 508.00 |
| Worcester | 443,050.28 | 1,840.33 | 8,400.56 | 10,240.89 | -- | 2,446.92 | 8,314.15 | -- | 5,061.00 | 15,841.07 | 26,121.96 |
| Wrentham | -- | -- | -- | -- | -- | 300.00 | -- | -- | -- | 300.00 | 300.00 |
| Yarmouth | 540.00 | -- | -- | -- | -- | -- | -- | -- | -- | -- | -- |
| TOTAL | 4,891,138.34 | 40,454.33 | 124,168.83 | 164,623.16 | 34,644.91 | 91,020.10 | 210,238.88 | 71,756.56 | 17,198.00 | 424,857.54 | 589,471.11 |

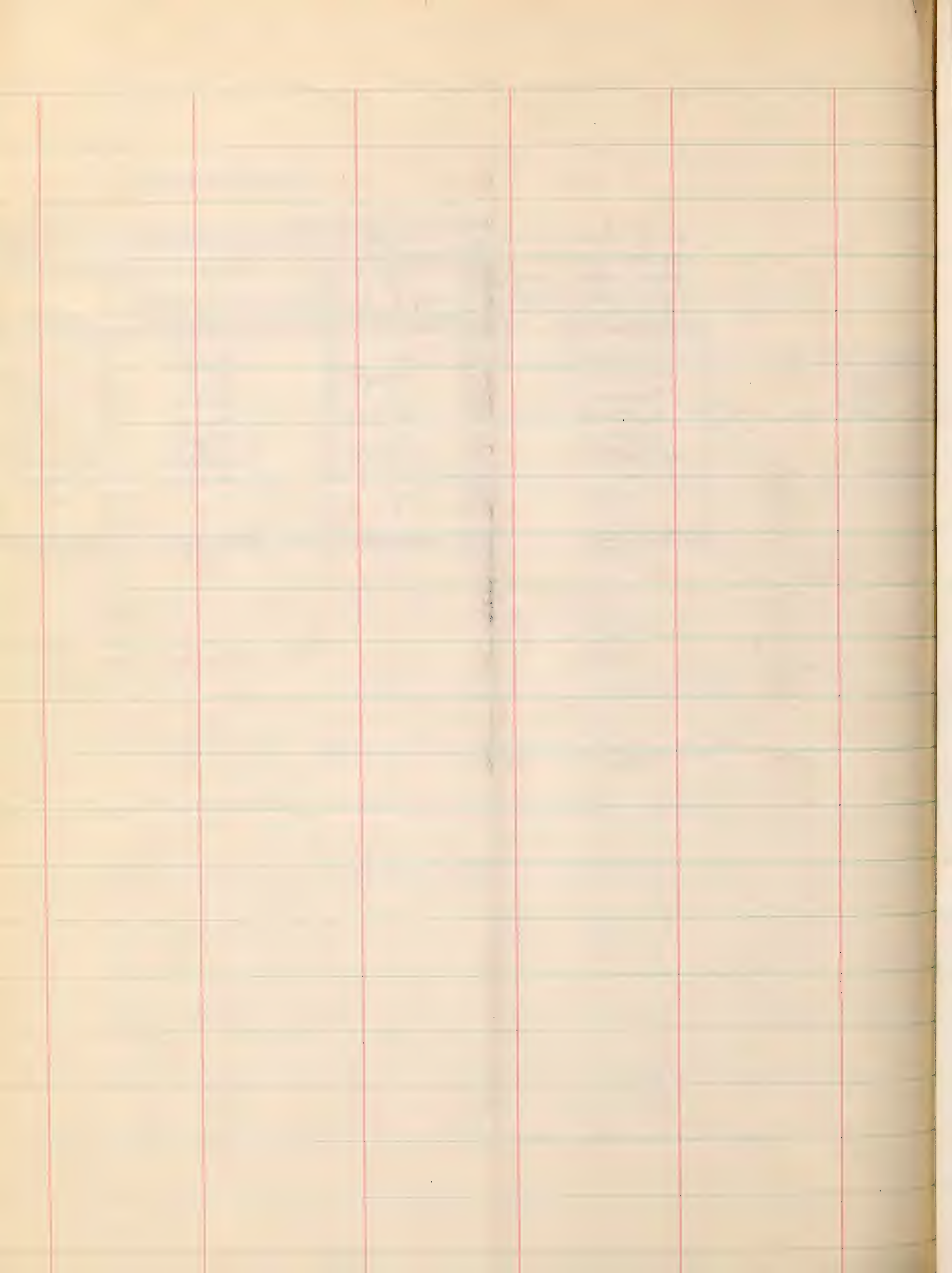


Table No. 3 - Statistics of Teacher-Training from July 1, 1957 to June 30, 1958
(Roman Numerals refer to Divisions)

| Types of Service | Number admitted to class | Number of different subjects taught (or intended) by those completing course | Length of course - clock hours | Number of different specialties represented by those in class | Number employed as teachers subject to Teacher-Training requirements | Number completing the course |
|------------------------------|--------------------------|--|--------------------------------|---|--|------------------------------|
| | | | | | | |
| I | 2 | 2 | 4 | 3 | 1 | 1 |
| Group I. Agriculture | | | | | | |
| Teacher Training | 13 | | | | | 13 |
| Professional Improvement | 106 | | | | | 153 |
| Group II. Trade and Industry | | | | | | |
| Teacher Training | 214 | 25 | 1290 | 63 | 74 | 157 |
| Professional Improvement | 523 | 37 | 284 | 11 | | 142 |
| Foreman Training | 578 | 1 | 340 | 19 | | 150 |

| | | | | |
|------|-------|----|--------|------|
| 1891 | Jan 1 | to | Jan 31 | 1892 |
| 1892 | Feb 1 | to | Feb 28 | 1893 |
| 1893 | Mar 1 | to | Mar 31 | 1894 |
| 1894 | Apr 1 | to | Apr 30 | 1895 |
| 1895 | May 1 | to | May 31 | 1896 |
| 1896 | Jun 1 | to | Jun 30 | 1897 |
| 1897 | Jul 1 | to | Jul 31 | 1898 |
| 1898 | Aug 1 | to | Aug 31 | 1899 |
| 1899 | Sep 1 | to | Sep 30 | 1900 |
| 1900 | Oct 1 | to | Oct 31 | 1901 |
| 1901 | Nov 1 | to | Nov 30 | 1902 |
| 1902 | Dec 1 | to | Dec 31 | 1903 |

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Table No. 8 - Statistics of Teacher-Training from July 1, 1937 to June 30, 1938
(Items in parentheses refer to Divisions)

| 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|------------|----------|------------|----------|---------|------------|
| Group III. Day Household Arts and Industrial
Teacher Training
Professional Improvement | 34
79 | 11
17 | 120
90 | 26
39 | 30
- | 31
65 |
| Princeton State Teachers College
Resident Vocational Household
Arts Courses
Teacher Training | 29 | - | 200 | 26 | - | 9 |
| Group IV. Evening Practical Art (Women)
Teacher Training
Professional Improvement | 117
141 | 10
15 | 130
150 | 57
92 | 97
- | 105
111 |
| Group V. Distributive Education
Teacher Training
Professional Improvement | 7
30 | 1
11 | 15
30 | 6
14 | 7
- | 5
36 |

Table No. 6 - Statistics of Teacher-Training from July 1, 1956 to June 30 1957
 Group V. Number of Teachers in State-Aided Schools and Changes in Personnel of Teaching Force
 All Schools (Men and Women)

| TYPE OF SCHOOL | Teachers in service Sept. 1, 1956 | | New Teachers added during the year to June 30, 1957 | | Teachers leaving the service during the year to June 30, 1957 | | Teachers in service at close of year to June 30, 1957 | | Teachers leaving service during summer June 30 to August 31, 1957 | | New teachers added during summer June 30 to August 31, 1957 | | Teachers in service Sept. 1, 1957 | | Total teachers leaving the service during year | | Total new teachers added during year | |
|-----------------------------|-----------------------------------|------------------|---|----------------|---|----------|---|------------------|---|-----------------|---|-----------------|-----------------------------------|------------------|--|-----------------|--------------------------------------|-----------------|
| | Shop | Academic | Shop | Academic | Shop | Academic | Shop | Academic | Shop | Academic | Shop | Academic | Shop | Academic | Shop | Academic | Shop | Academic |
| I. INDUSTRIAL | 2 | 3 | 4 | 5 | 6 | 7 | 8 | 9 | 10 | 11 | 12 | 13 | 14 | 15 | 16 | 17 | 18 | 19 |
| 1. Day | | | | | | | | | | | | | | | | | | |
| a. Boys (Unit Trade) | | | | | | | | | | | | | | | | | | |
| Men | 575 ¹ | 185 ¹ | 12 | 1 | - | - | 587 ¹ | 186 ¹ | 42 | 27 ¹ | 48 | 28 ¹ | 591 | 187 ¹ | 42 | 27 ¹ | 68 | 29 ¹ |
| Women | 8 | 8 | - | 1 | - | - | 8 | 9 | 1 | 1 | - | 1 | 8 | 9 | 1 | 1 | - | 2 |
| b. Girls (Unit Trade) | 85 ¹ | 30 ¹ | - | - | - | - | 83 ¹ | 30 ¹ | 11 | 8 | 4 | 9 | 45 | 31 | 11 | 8 | 3 | 9 |
| c. Industrial Department | 61 ¹ | 4 ¹ | - | - | - | - | 61 ¹ | 4 ¹ | 11 ¹ | 1 | 4 ¹ | 1 | 54 ¹ | 4 | 11 ¹ | 1 | 4 ¹ | 1 |
| 2. Part-time | | | | | | | | | | | | | | | | | | |
| a. Cooperative | 108 ¹ | 71 ¹ | - | - | - | - | 108 ¹ | 71 ¹ | 17 ¹ | 28 | 16 ¹ | 21 | 108 ¹ | 64 ¹ | 17 ¹ | 28 | 15 ¹ | 21 |
| b. Trade Preparatory | | | | | | | | | | | | | | | | | | |
| Men | 2 ¹ | - | - | - | - | - | 2 ¹ | - | - | - | - | - | 2 ¹ | - | - | - | - | - |
| Women | 4 ¹ | - | - | - | - | - | 4 ¹ | - | 1 ¹ | - | 1 ¹ | - | 4 ¹ | - | 1 ¹ | - | 1 ¹ | - |
| c. Evening Trade Extension | | | | | | | | | | | | | | | | | | |
| (1) Men | 345 ¹ | 7 ¹ | 2 ¹ | - | 1 ¹ | - | 346 ¹ | 7 ¹ | 85 ¹ | - | 74 | - | 335 ¹ | 7 ¹ | 86 ¹ | - | 76 ¹ | - |
| (2) Women | 234 ¹ | 13 ¹ | 2 ¹ | - | - | - | 236 ¹ | 13 ¹ | 57 ¹ | 7 ¹ | 40 ¹ | 3 | 219 ¹ | 9 | 57 ¹ | 7 ¹ | 42 ¹ | 3 |
| d. Apprenticeship | 7 ¹ | 6 ¹ | - | - | - | - | 7 ¹ | 6 ¹ | 7 ¹ | 6 ¹ | - | - | - | - | 7 ¹ | 6 ¹ | - | - |
| e. Vocational Art | 4 | 4 ¹ | - | - | - | - | 4 | 4 ¹ | 4 | 4 ¹ | - | - | - | - | 4 | 4 ¹ | - | - |
| II. CONTINUATION | | | | | | | | | | | | | | | | | | |
| 1. Boys | 7 ¹ | 6 ¹ | - | - | - | - | 7 ¹ | 6 ¹ | 7 ¹ | 6 ¹ | - | - | - | - | 7 ¹ | 6 ¹ | - | - |
| 2. Girls | 4 | 4 ¹ | - | - | - | - | 4 | 4 ¹ | 4 | 4 ¹ | - | - | - | - | 4 | 4 ¹ | - | - |
| III. HOUSEHOLD ARTS | | | | | | | | | | | | | | | | | | |
| 1. Day | | | | | | | | | | | | | | | | | | |
| a. School | 46 ¹ | 27 ¹ | 4 ¹ | 1 | - | - | 52 ¹ | 28 ¹ | 7 | 3 ¹ | 9 | 2 | 54 | 27 ¹ | 7 | 3 ¹ | 13 ¹ | 3 |
| b. High School Dept. | 64 ¹ | 15 ¹ | 1 | - | - | - | 65 ¹ | 15 ¹ | 12 ¹ | 1 ¹ | 12 ¹ | - | 65 ¹ | 14 ¹ | 12 | 1 | 13 ¹ | - |
| 2. Part-time | 8 | 8 | - | - | - | - | 8 | 8 | - | - | - | - | - | - | - | - | - | - |
| 3. Evening | 990 ¹ | 77 ¹ | 12 ¹ | 2 ¹ | - | - | 1003 ¹ | 79 ¹ | 219 ¹ | 19 ¹ | 203 ¹ | 13 ¹ | 987 ¹ | 72 ¹ | 219 ¹ | 19 ¹ | 216 ¹ | 16 ¹ |
| IV. AGRICULTURAL | | | | | | | | | | | | | | | | | | |
| 1. Day | | | | | | | | | | | | | | | | | | |
| a. School | 44 ¹ | 16 ¹ | 2 | 2 | 1 | - | 45 ¹ | 20 ¹ | 2 | 2 | - | 2 | 45 ¹ | 20 ¹ | 3 | 2 | 2 | 4 ¹ |
| b. High School Dept. | 37 ¹ | 6 ¹ | 1 | - | 1 | - | 37 ¹ | 6 ¹ | 9 ¹ | 1 | 7 ¹ | 1 ¹ | 38 ¹ | 6 ¹ | 10 ¹ | 1 | 6 ¹ | 1 ¹ |
| c. General Dept. | 8 | 8 | - | - | - | - | 8 | 8 | - | - | - | - | 8 | 8 | - | - | - | - |
| 2. Part-time | 8 | 8 | - | - | - | - | 8 | 8 | - | - | - | - | 8 | 8 | - | - | - | - |
| 3. Evening | 39 ¹ | - | 3 | 1 ¹ | 1 | - | 41 ¹ | 1 ¹ | 6 ¹ | 1 ¹ | 4 ¹ | 1 ¹ | 39 ¹ | 1 ¹ | 7 ¹ | 1 ¹ | 7 ¹ | 2 ¹ |
| V. DISTRIBUTIVE OCCUPATIONS | | | | | | | | | | | | | | | | | | |
| 1. Part-Time Cooperative | 36 ¹ | 25 ¹ | 2 | 1 | - | - | 38 ¹ | 26 ¹ | 11 ¹ | 6 ¹ | 7 ¹ | 4 ¹ | 34 ¹ | 24 ¹ | 11 ¹ | 6 ¹ | 9 ¹ | 6 ¹ |
| 2. Evening | 41 ¹ | - | - | - | - | - | 41 ¹ | - | 14 ¹ | - | 9 ¹ | - | 36 ¹ | - | 14 ¹ | - | 9 ¹ | - |

¹This figure includes the Director

Table No. 9 - Number of Different Minors 14 to 16 Years of Age, Who, Within the Calendar Year, Jan. 1 to Dec. 31, 1957, were Employed while Schools were in Session, as per Returns.

| CITIES AND TOWNS | Population
U. S. Census, 1955 | Number of Minors
7 to 16 years of age
October 1, 1956 | | | Total Number of different minors
Employed full-time within the Town
(City) under authority of employment
permits and home permits as reported
by the Town (City). | | |
|--|----------------------------------|---|-----------------------------------|------------------------------------|---|-------|-------|
| | | In regis-
tration
of minors | In public
school
membership | In private
school
membership | Boys | Girls | Total |
| Group I. -
Cities | 1 | 2,936,684 | 419,301 | 287,265 | 126,265 | 283 | 552 |
| Group II. -
Towns of 5,000
Population or
over | | 1,469,005 | 244,644 | 205,413 | 37,492 | 88 | 225 |
| Group III. -
Towns of Less
Than 5,000
Population and
Maintaining
High Schools | | 252,113 | 44,149 | 41,186 | 2,568 | 9 | 39 |

Table 1.1: Summary of Data

| Year | Q1 | Q2 | Q3 | Q4 | Total | |
|------|----|----|----|-----|-------|-----|
| | | | | | Sum | Avg |
| 2018 | 10 | 20 | 30 | 40 | 100 | 25 |
| 2019 | 15 | 25 | 35 | 45 | 120 | 30 |
| 2020 | 20 | 30 | 40 | 50 | 140 | 35 |
| 2021 | 25 | 35 | 45 | 55 | 160 | 40 |
| 2022 | 30 | 40 | 50 | 60 | 180 | 45 |
| 2023 | 35 | 45 | 55 | 65 | 200 | 50 |
| 2024 | 40 | 50 | 60 | 70 | 220 | 55 |
| 2025 | 45 | 55 | 65 | 75 | 240 | 60 |
| 2026 | 50 | 60 | 70 | 80 | 260 | 65 |
| 2027 | 55 | 65 | 75 | 85 | 280 | 70 |
| 2028 | 60 | 70 | 80 | 90 | 300 | 75 |
| 2029 | 65 | 75 | 85 | 95 | 320 | 80 |
| 2030 | 70 | 80 | 90 | 100 | 340 | 85 |

| | 1 | 2 | 3 | 4 | 5 | 6 | 7 |
|---|-----------|---------|---------|---------|-----|-----|-----|
| Group IV. -
Towns of less
than 5,000
Population and
Not Maintaining
High Schools | 179,843 | 32,838 | 29,483 | 2,707 | 37 | 18 | 55 |
| State Totals | 4,837,645 | 740,932 | 563,347 | 169,032 | 492 | 379 | 871 |

45

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